Index to Volume 58-A

(American Volume)

1976

AUTHORS

PAGE

A

*Abraham E. Lumbosacral Coccygeal Agenesis. Autopsy Case Report 1169
Abraham E *see* Barmada R
Ackerson T *see* Mooney V
Adams JP *see* Neviaser RJ
Addison RG *see* Milgram JW
Adelaar RS et al. A Long-Term Study of Triple Arthrodesis in Children 724
Aglietti P *see* Insall JN
*Akbarnia BA, Wirth CR and Colman N. Fibrosarcoma Arising from Chronic Osteomyelitis. Case Report and Review of the Literature 123
Akeson A *see* Daniel D
Akeson WH *see* Mubarak SJ
Akeson WH *see* Woo SL-Y
Akins CM and Shea WD. Osteochondral Defects of the Hip Joint 736
Albano P *see* Bisla RJ
Albertson CE et al. Hinged Cylinder Cast Management of Femoral-Shaft Fractures 732
Alvarez A *see* Roca J
Amiel D *see* Daniel D
Amiel D *see* Woo SL-Y
Amstutz HC *see* Markolf KL
*Andersen KS. Congenital Pseudarthrosis of the Leg. Late Results 657
*Anderson JT and Dehner LP. Osteolytic Form of Paget's Disease. Differential Diagnosis and Pathogenesis 994
Anderson JT *see* Gustilo RB
Anderson LB *see* Gold EW
Andrews JR *see* Hughston JC
*Andriacchi TP, Galante JO, Belytschko TB and Hampton S. A Stress Analysis of the Femoral Stem in Total Hip Prostheses 618
*Andriacchi TP, Schultz AB, Belytschko TB and Dewald RL. Milwaukee Brace Correction of Idiopathic Scoliosis. A Biomechanical Analysis and a Retrospective Study 806
Antonelli D *see* Perry J
Antonelli D *see* Waters RL
Armstrong GWD et al. The Use of the Spinal Electrogram in Spinal Cord Monitoring 157
Arnold WD *see* Dines DM
Arnold WD *see* Lewis MM
*Aron JD. Brief Note. Using Methylmethacrylate to Make External Fixation Splints 151
*Ashby ME. Serratia Osteomyelitis in Heroin Users. A Report of Two Cases ... 132
Asher MA and Craig CC. Evaluation of Microcrystalline Collagen Hemostat in Obtaining Hemostasis from Iliac Crest Bone Graft Donor Sites 157
Athanasoulis C *see* Harris WH

B

Babbitt DP *see* Tang TT
Babcock JL and Albright JE. Spine Trauma in Children and Adolescents 728
*Bacevich BB. Paralytic Brachial Neuritis. Case Report 262
Bachman F *see* McKenna R
Bagg RJ Jr. and Barwick MC. Injuries to the Acromioclavicular Joint. Rationale of Treatment 280
Bailey RW et al. Clinical Experience with the Use of an Intramedullary Device that Elongates with Bone Growth in Children with Brittle Bones 725
Banks HH et al. The Varus Foot in Cerebral Palsy 729
Banta JV and Hamada JS. Natural History of the Kyphotic Deformity in Myelomeningocele 279
Banta JV et al. Fifteen-Year Review of Myelodysplasia 726
Barenfeld PA *see* Weseley MS
*Barmada R, Abraham E and Ray RD. Hip Fusion Utilizing the Cobra Head Plate 541
Barnes SN et al. Chondroblastoma of Bone: Complications and Problems 734
Baro C *see* Bourguignon RL
*Bartlett DH, Gilula LA and Murphy WA. Superior Dislocation of the Patella Fixed by Interlocked Osteophytes. A Case Report and Review of the Literature 883
Bassett FH III et al. Hamstring Procedures in Cerebral Palsy: A. Sequelae after Long Follow-up. B. Recommendations for Current Practice 725
Batterman SC *see* Chung SMK
Beabout JW *see* Unni KK
*Beals RK. Endosteal Hyperostosis 1172
*Beals RK and Fraser W. Familial Congenital Bowing of the Tibia with Pseudarthrosis and Pectus Excavatum. Report of a Kindred 545
Beckenbaugh RD and Linscheid RL. Total Wrist Arthroplasty — Preliminary Report 727
*Beckenbaugh RD, Dobyns JH, Linscheid RL and Bryan RS. Review and Analysis of Silicone-Rubber Metacarpophalangeal Implants 483
*Behrens F, Shepard N and Mitchell N. Metabolic Recovery of Articular Cartilage after Intra-Articular Injections of Glucocorticoid 1157
Beltran JE *see* Roca J

PAGE

Belytschko TB *see* Andriacchi TP
*Benson DR, Schultz AB and DeWald RL. Roentgenographic Evaluation of Vertebral Rotation 1125
Berger A *see* Millesi H
Bianco AJ *see* Morrey BF
Birt D and Townsend R. Major Talar Fractures 733
Bisla RS and Inglis AE. Joint Replacement Surgery in Patients under Thirty .. 730
*Bisla RS, Inglis AE and Ranawat CS. Joint Replacement Surgery in Patients under Thirty 1098
*Bisla RS, Louis HJ and Albano P. Transfer of Tibialis Posterior Tendon in Cerebral Palsy 497
*Bisla RS, Ranawat CS and Inglis AE. Total Hip Replacement in Patients with Ankylosing Spondylitis with Involvement of the Hip 233
Black J *see* Lane JM
Blackman RG et al. The Supine Approach to "Blind" Nailing of Fractured Femurs 279
Blatt G. Pitfalls Encountered with Penetrating Lacerations of the Hand in Children 280
Blazina ME *see* Lombardo SJ
Bleck EE and Minaire P. Persistent Fetal Medial Deviation of the Neck of the Talus: A Common Cause of In-Toeing in Children 724
Bleck EE *see* Rinsky LA
*Bliznak J and Ramsey J. Emphysematous Septic Arthritis Due to *Escherichia coli* . 138
Bloom MH et al. A Follow-up of Thirty-three Patients with Post-Traumatic Knee Dislocations 736
Blount WP *see* Tang TT
Bobechko WP et al. Electro-Spinal Instrumentation 156
Boettcher WG et al. Thromboembolic Complications in 300 Consecutive Patients Undergoing Hip Replacement without Routine Drug Prophylaxis 737
Böhler N *see* Kuderna H
Bohlman HH. Late, Progressive Paralysis and Pain Following Fractures of the Thoracolumbar Spine 728
Bohne W *see* Ogden JA
Bonfiglio M *see* McCarthy EF
Bonfiglio M *see* Mickelson MR
*Bonnett C, Brown JC and Grow T. Thoracolumbar Scoliosis in Cerebral Palsy. Results of Surgical Treatment 328
Bonnett CA et al. A New Approach to the Prevention of Scoliosis 155
Bora FW Jr. et al. The Treatment of Epiphyseal Fracture in the Hand 286
Bora FW Jr. *see* Lane JM
*Bose K. Congenital Diastasis of the Inferior Tibiofibular Joint. Report of a Case 886
Bost FW and Bleck EE. Rotation Osteotomies for Spastic Paralytic Rotation of the Femur 283
Botero PM *see* Hallel T
*Bourguignon RL, Walsh AF, Flynn JC, Baro C and Spinos E. Fusarium Species Osteomyelitis. Case Report 722
*Bowers WH, Spencer JB and McDevitt NB. Brachial-Artery Rupture in Ehlers-Danlos Syndrome: An Unusual Cause of High Median-Nerve Palsy. A Case Report 1025
Boyer J *see* Daniel D
Boyes JH *see* Filler BC
Boyle WE Jr. *see* Merritt K
Bradford D et al. HL-A (Transplantation) Antigens in Patients with Idiopathic Scoliosis 155
Brand RA Jr. *see* Panjabi MM
Branick RL et al. Talwin Induced Deltoid Contractures 279
Brewer NS et al. Malignancy Associated with Chronic Osteomyelitis 734
Brewer NS *see* Fitzgerald RH Jr.
Bright RW *see* Spence KF
*Brighton CT, Cronkey JE and Osterman AL. *In Vitro* Epiphyseal-Plate Growth in Various Constant Electrical Fields 971
Brighton CT *see* Chung SMK
Brighton CT *see* Heppenstall RB
*Broderick PA, Corvese N, Pierik MG, Pike RF and Mariorenzi AL. Exfoliative Cytology Interpretation of Synovial Fluid in Joint Disease 396
Brower TD *see* Coy JT III
Brown CW et al. A Simplified Operative Approach for the Lateral Meniscus .. 279
Brown JC et al. A New Approach to the Prevention of Scoliosis 280
Brown JC *see* Bonnett C
Brown RL *see* Rodrigo JJ
Brumfield RH et al. Reconstructive Surgery of the Wrist in Rheumatoid Arthritis 726
Bryan RS *see* Beckenbaugh RD
Bryan RS *see* Skolnick MD
*Buckwalter JA, Cooper RR and Maynard JA. Elastic Fibers in Human Intervertebral Discs 73
*Bullough PG and Goodfellow JW. Solitary Lymphangioma of Bone. A Case Report 418
Bullough PG et al. Wear and Tissue Reaction in Failed Knee Arthroplasty 285
Bunch WH and Hannon KM. Acute Cholecystitis Following Scoliosis Treatment 157

* Indicates full article.

PAGE

Bunnell WP and **MacEwen GD.** Use of the Orthoplast Jacket in the Non-Operative Treatment of Scoliosis 156
Burdi AR *see* **Louis DS**
*__Burkhalter WE, Mayfield G__ and __Carmona LS.__ The Upper-Extremity Amputee. Early and Immediate Post-Surgical Prosthetic Fitting 46
Burkhalter WE *see* **Protzman RR**
*__Burstein AH, Reilly DT__ and __Martens M.__ Aging of Bone Tissue: Mechanical Properties 82
Burton RI *see* **Riseborough EJ**
Butera V *see* **Worrall VT**

C

Cabaud HE et al. The Patellar Compression Syndrome. Surgical Treatment by Lateral Retinacular Release 280
Cabaud HE *see* **Fitzwater JE**
Calhoun TP *see* **Louis DS**
*__Cameron HU__ and __Kostuik JP.__ Ischemia Associated with the Charnley Anterior Approach to the Ankle. Report of Two Cases 1043
*__Cameron HU, Gillespie R__ and __Mancer K.__ Torsion of a Tumor Within the Suprapatellar Pouch. Report of a Case 266
Canale VC *see* **Dines DM**
Cargill AO'R and **Jackson JP.** Bucket-Handle Tear of the Medial Meniscus. A Case for Conservative Surgery 248
Carlsson A-M *see* **Chinn D**
Carmona LS *see* **Burkhalter WE**
Carnesale PG. Arthrodesis of the Hip — Long-Term Study 735
Carroll N *see* **De Souza LJ**
Carroll RE *see* **Louis DS**
Carter JS *see* **Lombardo SJ**
*__Carter PR.__ Brief Note. A Simple Method of Obtaining Intraoperative Roentgenograms of the Hand 576
Carter RM *see* **Mankin HJ**
*__Chaglassian JH, Riseborough EJ__ and __Hall JE.__ Neurofibromatous Scoliosis. Natural History and Results of Treatment in Thirty-seven Cases 695
Chan DPK et al. Selection of the Fusion Area in Idiopathic Scoliosis with Thoracolumbar and Lumbar Curve Patterns 157
Chandler HP et al. Total Hip Replacement as a Method of Treatment in the Previously Arthrodesed Hip 731
Chao EYS *see* **Kettelkamp DB**
Chao EYS *see* **Morrey BF**
Chapman MW and **Blackman RC.** Closed Intramedullary Nailing of Femoral-Shaft Fractures: A Comparison of Two Techniques 732
*__Chapman MW__ and __Hadley WK.__ The Effect of Polymethylmethacrylate and Antibiotic Combinations on Bacterial Viability. An *In Vitro* and Preliminary *In Vivo* Study 76
Chapman MW *see* **Donovan TL**
Childress HM. Vertical Transarticular Pin Fixation of Unstable Ankle Fractures: Impressions After Fifteen Years of Experience 728
*__Chinn D, Genant HK, Quivey JM__ and __Carlsson A-M.__ Heterotopic-Bone Formation in Metastatic Tumor from Transitional-Cell Carcinoma of the Urinary Bladder. A Case Report 881
*__Chrisman OD, Snook GA, Wilson TC__ and __Short JY.__ Prevention of Venous Thromboembolism by Administration of Hydroxychloroquine. A Preliminary Report 918
Chuinard RG *see* **Wolf AW**
*__Chung SMK.__ The Arterial Supply of the Developing Proximal End of the Human Femur 961
*__Chung SMK, Batterman SC__ and __Brighton CT.__ Shear Strength of the Human Femoral Capital Epiphyseal Plate 94
Chung SMK *see* **Irani RN**
Clarke TE et al. Legg-Calvé-Perthes Syndrome in Children Under Four Years of Age 726
*__Cobden RH, Thrasher EL__ and __Harris WH.__ Topical Hemostatic Agents to Reduce Bleeding from Cancellous Bone. A Comparison of Microcrystalline Collagen, Thrombin, and Thrombin-Soaked Gelatin Foam 70
Cole JF et al. Injection Techniques in the Treatment of Low Back Pain: Results and Comparisons 279
*__Collis DK__ and __Steinhaus K.__ Total Hip Replacement without Deep Infection in a Standard Operating Room 446
Collon DY *see* **Kuderna H**
Colman N *see* **Akbarnia BA**
Combs JJ *see* **Skolnick MD**
Cooney WP et al. Complications of Colles Fracture 733
Coonrad RW and **Feierstein MS.** Progression of Scoliosis in the Adult 738
Cooper RR *see* **Buckwalter JA**
Corvese N *see* **Broderick PA**
Couch EP. Role of Hyperbaric Oxygenation in Treatment of Gas Gangrene: The USAF Experience 737
Couch WH et al. Adductor Transfer for Spastic Cerebral Palsy 735
Coulson DB et al. Fifteen Years' Experience with Nontraumatic Avascular Necrosis of the Femoral Head 284
Coutts RD *see* **Woo SL-Y**
Coventry MB *see* **Skolnick MD**
Coventry MB *see* **Weber ER**
*__Coy JT III, Wolf CR, Brower TD__ and __Winter WG Jr.__ Pyogenic Arthritis of the Sacro-Iliac Joint. Long-Term Follow-up 845
Cracchiolo A III et al. Comparative Clinical Analysis of Polycentric and Geometric Bicondylar Knee Replacements 731
Craig WA *see* **Kramer WG**
Crawford AH. Neurofibromatosis in the Pediatric Patient 725
Crawford GP. ASIF Screw Fixation for Diaphyseal and Intra-articular Fractures of the Phalanges 281
*__Crawford GP.__ Screw Fixation for Certain Fractures of the Phalanges and Metacarpals 487

* Indicates full article.

PAGE

Criswell A et al. Evaluation of the Posterior Medial Release in the Resistant Clubfoot 282
Cronin JH *see* **Khairi MRA**
Cronkey JE *see* **Brighton CT**
*__Crosby EB__ and __Insall J.__ Recurrent Dislocation of the Patella. Relation of Treatment to Osteoarthritis 9
Cross MJ *see* **Hughston JC**
*__Czitrom AA, Pritzker KPH, Langer F, Gross AE__ and __Luk SC.__ Virus-Induced Osteosarcoma in Rats 303
Czitrom AA *see* **Urovitz EP**

D

Dahlin DC *see* **Fitzgerald RH Jr.**
Dahlin DC *see* **Unni KK**
*__D'Ambrosia RD, Shoji H__ and __Heater R.__ Secondarily Infected Total Joint Replacements by Hematogenous Spread 450
D'Ambrosia RD et al. Vascularity of the Femoral Head: ^{99m}Tc Diphosphonate Scintigraphy Validated with Tetracycline Labeling 281
D'Ambrosia RD *see* **Shoji H**
*__Daniel D, Akeson A, Amiel D, Ryder M__ and __Boyer J.__ Lavage of Septic Joints in Rabbits: Effects of Chondrolysis 393
Danylchuk KD *see* **Kennedy JC**
Daube JR *see* **Weber ER**
Davis EA Jr. *see* **Eckert WR**
Day LJ. The Incidence of Thromboembolic Complications in Hip Fractures: Is Prophylaxis Warranted? 737
Deb HK *see* **Mitra M**
DeBlasi RF *see* **Miller CW**
Deftos LJ *see* **Linovitz RJ**
Dehner LP *see* **Anderson JT**
de Leon B *see* **Pasquel PM**
*__Dellon AL__ and __Gaylor R.__ Bilateral Symphalangism of the Index Finger. A Case Report 270
Dennis RI *see* **Habermann ET**
*__De Souza LJ__ and __Carroll N.__ Ambulation of the Braced Myelomeningocele Patient 1112
Detenbeck LC and **Barnhart JM.** Complete Dislocations of the Acromioclavicular Joint Treated by Mersilene Taping 280
Dewald RL *see* **Andriacchi TP**
DeWald RL *see* **Benson DR**
DeWeese JW *see* **Sakellarides HT**
DeYoung R and **Butler JE III.** Lumbar Radiculopathy due to Bony Encroachment 281
Diamond LS. Dowel-Type Subtalar Arthrodesis in Children 725
Dick HM *see* **Harrington KD**
Dickson JH *see* **Erwin WD**
Dickson RA and **Leatherman KD.** Spinal Deformity in Adults. Changing Concepts 729
*__Dines DM, Canale VC__ and __Arnold WD.__ Fractures in Thalassemia 663
DiStefano V et al. Pes Anserine Transfer: An In Vitro Biomechanical Analysis 285
Dobyns JH *see* **Beckenbaugh RD**
Dodd TA *see* **Scherr DD**
Domisse GF et al. Hypotension Anesthesia in Scoliosis Surgery 157
*__Donovan TL, Gordon RO__ and __Nagel DA.__ Urinary Infections in Total Hip Arthroplasty. Influences of Prophylactic Cephalosporins and Catheterization 1134
*__Donovan TL, Chapman MW, Harrington KD__ and __Nagel DA.__ Serratia Arthritis. Report of Seven Cases 1009
Dorr JR and **Jones DA.** Radiographic and Surgical Evaluation of Pseudoarthrosis following Posterior Spinal Fusion for Scoliosis 283
Dotter WE *see* **Torgerson WR**
Doty D *see* **Woo SL-Y**
Dougherty J et al. Treatment of Recurrent Dislocation and Subluxation of the Patella 285
*__Douglass HO Jr., Shukla SK__ and __Mindell E.__ Treatment of Pathological Fractures of Long Bones Excluding Those Due to Breast Cancer 1055
Doyle JR *see* **Rodrigo JJ**
Drummond DS et al. Untreated Scoliosis in the Adult 156
Duncan JW et al. Surgical Treatment of Kyphosis in Meningomyelocele 155
*__Dunn EJ__ and __Skinner SR.__ Disengagement of a Sliding Screw-Plate. A Case Report 1027
*__Dunn HK__ and __Hess WE.__ Total Hip Reconstruction in Chronically Dislocated Hips 838
Dunn HK and **Hess WE.** Total Hip Reconstruction in Old Completely Dislocated Hips 731
Dwyer AP et al. Deep Para-Vertebral Infection Following Dwyer's Anterior Spinal Instrumentation 156
Dwyer AP et al. The Management of Scoliosis with the Dwyer Anterior Spinal Instrumentation 156
Dye SK *see* **Merritt K**
Dyment PG *see* **Sutow WW**

E

Eaton RG *see* **Herndon JH**
*__Eckert WR__ and __Davis EA Jr.__ Acute Rupture of the Peroneal Retinaculum 670
Edelson JR. Meralgia Paresthetica — An Anatomical Interpretation 284
Edmunds JO Jr. and **Goldner JL.** The Management of Patients with Anomalies of the Dens 729
Eftekhar NS. Revision of Total Hip Replacement by Low Friction Arthroplasty 284
Egloff AC. Idiopathic Toe Walkers: A True Clinical Entity 726
Ehrlich GE *see* **Labbate VA**
Eilert RE and **Jayakumar SS.** Boyd and Syme Amputations in Children 726
*__Eilert RE__ and __Jayakumar SS.__ Boyd and Syme Ankle Amputations in Children . 1138
*__Eisenstein A__ and __Rothschild S.__ Biochemical Abnormalities in Patients with Slipped Capital Femoral Epiphysis and Chondrolysis 459
Eisenstein AL *see* **Weseley MS**
Elliott RC *see* **Gunther SF**
Ellison AE et al. Preliminary Report: Results of Extra-Articular Anterior

PAGE

Cruciate Replacement ... 736
*Elstrom J, Pankovich AM, Sassoon H and Rodriguez J. The Use of Tomography in the Assessment of Fractures of the Tibial Plateau ... 551
Enis JE *see* Harrington KD
Enneking WF *see* Simon MA
Eppright RH. Dial Osteotomy of the Acetabulum ... 283
Eppright RH. Dial Osteotomy of the Acetabulum in the Treatment of Dysplasia of the Hip ... 726
*Erickson U and Hjelmstedt A. Limb-Saving Radical Resection of Chondrosarcoma of the Pelvis. Case Report ... 568
*Erwin WD, Dickson JH and Harrington PR. The Postoperative Management of Scoliosis Patients Treated with Harrington Instrumentation and Fusion ... 479
Erwin WD et al. Results of Early Ambulation in the Surgical Treatment for Scoliosis ... 156
Etheredge R III *see* Lipschitz H
Evanski PM et al. Peptococcus Infections in Total Hip Replacement ... 281
Everett ED *see* Hirschmann JV
Eversmann WW Jr. and Leonard MH. Fractures of the Hand in Children ... 280
Ewald FC *see* Poss R

F

Fabry G et al. Milwaukee Brace Treatment of Scheuermann's Kyphosis ... 725
Fairen MF *see* Roca J
Falvo KA *see* Insall J
Farr GH *see* Fitzwater JE
Feingold S *see* Kostuik JP
Fenlin JM Jr. Total Shoulder Prosthesis ... 735
Ferlic DC et al. Surgery of the Elbow in Rheumatoid Arthritis ... 726
*Fielding JW, Hawkins RJ and Ratzan SA. Spine Fusion for Atlanto-Axial Instability ... 400
*Fielding JW, Fietti VG Jr., Hughes JEO and Gabrielian J-CZ. Primary Osteogenic Sarcoma of the Cervical Spine. A Case Report ... 892
Fielding JW *see* Fietti VG
Fielding JW *see* Hawkins RJ
*Fietti VG and Fielding JW. The Klippel-Feil Syndrome: Early Roentgenographic Appearance and Progression of the Deformity. A Report of Two Cases ... 891
Fietti VG Jr. *see* Fielding JW
*Filler BC, Stark HH and Boyes JH. Capsulodesis of the Metacarpophalangeal Joint of the Thumb in Children with Cerebral Palsy ... 667
*Finerman GAM, Sakai D and Weingarten S. Atlanto-Axial Dislocation with Spinal Cord Compression in a Mongoloid Child. A Case Report ... 408
Finerman GM *see* Mensch JS
*Finseth F, May JW Jr. and Smith RJ. Composite Groin Flap with Iliac-Bone Flap for Primary Thumb Reconstruction. Case Report ... 130
Fisher SJ *see* Miller CW
*Fitzgerald RH Jr., Brewer NS and Dahlin DC. Squamous-Cell Carcinoma Complicating Chronic Osteomyelitis ... 1146
Fitzgerald SP *see* Spence KF
*Fitzwater JE, Cabaud HE, and Farr GH. Irradiation-Induced Chondrosarcoma. A Case Report ... 1037
Flatt AE *see* Ireland DCR
Flatt AE *see* Weinstein SL
Flynn JC *see* Bourguignon RL
Fowler A *see* Nathan PA
Frank JL *see* Moorefield WG
Fraser W *see* Beals RK
*Freeland AE and Mutz SB. Posterior Bone-Grafting for Infected Ununited Fracture of the Tibia ... 653
Freiberg RA *see* Harris WH
Frias AE *see* Sutow WW
*Friedlaender GE and Mitchell MS. A Virally Induced Osteosarcoma in Rats. A Model for Immunological Studies of Human Osteosarcoma ... 295
*Friedlaender GE, Strong DM and Sell KW. Studies on the Antigenicity of Bone. I. Freeze-Dried and Deep-Frozen Bone Allografts in Rabbits ... 854
*Froimson AI, Silva JE and Rickey DG. Cutis Arthroplasty of the Elbow Joint ... 863
Froimson AI et al. Cutis Arthroplasty of the Elbow ... 726
Fulford R *see* Letts RM
*Furman W, Marshall JL and Girgis FG. The Anterior Cruciate Ligament. A Functional Analysis Based on Postmortem Studies ... 179

G

Gabrielian J-CZ *see* Fielding JW
Gaines JH and Reid RL. Salvage of the Infected Tibial Non-Union ... 732
Galante JO *see* Andriacchi TP
Galante JO *see* McKenna R
Gardner ADH et al. Accurate Electronic Measurement of the Forces Applied to the Spine During Halo-Pelvic Traction ... 157
Garetto LP *see* Mubarak SJ
Garn SM *see* Louis DS
Garrick JG et al. Early Diagnosis of Stress Fractures and Their Precursors ... 733
Gaylor R *see* Dellon AL
Gehan EA *see* Sutow WW
Genant HK *see* Chinn D
Gentry LO *see* Smilack JD
Gibson DA *see* Schwentker EP
Gibson DA *see* Wilkins KE
Gillespie R *see* Cameron HU
Gilula LA *see* Bartlett DH
Girgis FG *see* Furman W
Glimcher MJ *see* Lipschitz H
*Gold EW, Anderson LB, Miller CW and Schwartz ER. Effect of Salicylate on the Surgical Inducement of Joint Degeneration in Rabbit Knees ... 1012
Goodfellow JW *see* Bullough PG
Goodwin CW *see* Heppenstall RB
Gordon RO *see* Donovan TL

PAGE

Grabias SL *see* Macnab I
Grabias SL *see* Riseborough EJ
Grace TG and Eversmann WW Jr. Forearm Fractures: Rigid Fixation with Early Motion ... 733
Grace TG and Eversmann WW Jr. The Management of Segmental Bone Loss Associated with Forearm Fractures ... 283
*Grantham SA and Tietjen R. Transcondylar Fracture-Dislocation of the Elbow. A Case Report ... 1030
Green DP and Davis DR. Forearm Fractures in Children: Pitfalls and Complications ... 282
Green WT Jr. Congenital Dislocation of the Hip Treated by the Pavlik Harness ... 285
Greenberg R *see* Perry J
Griffith TG et al. Hinged Cylinder Cast Management of Femoral Shaft Fractures ... 282
Gristina AG *see* Harrington KD
*Grood ES and Noyes FR. Cruciate Ligament Prosthesis: Strength, Creep, and Fatigue Properties ... 1083
Grood ES *see* Noyes FR
Gross AE *see* Czitrom AA
Gross AE *see* Urovitz EP
*Gross RH. A Clinical Study of the Batchelor Subtalar Arthrodesis ... 343
Grow T *see* Bonnett C
*Gunn CC and Milbrandt WE. Tenderness at Motor Points. A Diagnostic and Prognostic Aid for Low-Back Injury ... 815
Gunther SF. A Complication of Surgery for Carpal Boss — A Case Report ... 285
*Gunther SF and Elliott RC. *Mycobacterium kansasii* Infection in the Deep Structures of the Hand. Report of Two Cases ... 140
*Gustilo RB and Anderson JT. Prevention of Infection in the Treatment of One Thousand and Twenty-five Open Fractures of Long Bones. Retrospective and Prospective Analysis ... 453

H

Haake PW et al. Malignant Hyperthermia and Its Relationship to Scoliosis — A Case Report and Recommended Management ... 157
Haake PW et al. Sternal Dehiscence and Knodt Rods ... 156
*Habermann ET, Sterling A and Dennis RI. Larsen's Syndrome: A Heritable Disorder ... 558
Hadley WK *see* Chapman MW
Hall JE. Dwyer Instrumentation Plus Vertebral Body Resection in Paraplegic Scoliosis ... 156
Hall JE *see* Chaglassian JH
Hall JE *see* Micheli LJ
*Hallel T and Salvati EA. Osteochondritis Dissecans following Legg-Calvé-Perthes Disease. Report of Three Cases ... 708
*Hallel T, Salvati EA and Botero PM. Polymethylmethacrylate in the Knee: A Complication of Total Hip Replacement ... 556
Hamada JS et al. Fractures of the Distal Tibial Epiphysis ... 282
Hamilton W *see* Ramsey PL
Hampton S *see* Andriacchi TP
*Hanaoka H. The Fate of Hypertrophic Chondrocytes of the Epiphyseal Plate. An Electron Microscopic Study ... 226
*Hansen EH, Jessing P, Lindewald H, Østergaard P, Olesen T and Malver EL. Hydroxychloroquine Sulphate in Prevention of Deep Venous Thrombosis following Fracture of the Hip, Pelvis, or Thoracolumbar Spine ... 1089
Hargens AR *see* Mubarak SJ
*Harrington KD, Sim FH, Enis JE, Johnston JO, Dick HM and Gristina AG. Methylmethacrylate as an Adjunct in Internal Fixation of Pathological Fractures. Experience with Three Hundred and Seventy-five Cases ... 1047
Harrington KD et al. The Use of Methylmethacrylate as an Adjunct in the Internal Fixation of Malignant Neoplastic Fractures. Experience with 314 Patients ... 281, 737
Harrington KD *see* Donovan TL
Harrington PR *see* Erwin WD
*Harris WH, Athanasoulis C, Waltman AC and Salzman EW. Cuff-Impedance Phlebography and ^{125}I Fibrinogen Scanning versus Roentgenographic Phlebography for Diagnosis of Thrombophlebitis following Hip Surgery ... 939
*Harris WH, Schiller AL, Scholler J-M, Freiberg RA and Scott R. Extensive Localized Bone Resorption in the Femur following Total Hip Replacement ... 612
Harris WH *see* Cobden RH
Harris WH *see* Jennings JJ
Harris WH *see* Salzman EW
Harrison CS. Use of the Dwyer Instrumentation to Fuse into the Sacrum ... 156
Harvey JP Jr. *see* Moore TM
*Hawkins RJ, Fielding JW and Thompson WJ. Os Odontoideum: Congenital or Acquired. A Case Report ... 413
Hawkins RJ *see* Fielding JW
Hawkins RJ *see* Kennedy JC
Heater R *see* D'Ambrosia RD
*Heinzelmann PR and Nelson CL. Recurrent Traumatic Dislocation of the Hip. Report of a Case ... 895
*Henderson ED. Vice Presidential Address, The American Academy of Orthopaedic Surgeons ... 432
*Hensinger RN and MacEwen GD. Spinal Deformity Associated with Heritable Neurological Conditions: Spinal Muscular Atrophy, Friedreich's Ataxia, Familial Dysautonomia, and Charcot-Marie-Tooth Disease ... 13
*Heppenstall RB, Goodwin CW and Brighton CT. Fracture Healing in the Presence of Chronic Hypoxia ... 1153
Herman W *see* Simon WH
*Herndon JH, Eaton RG and Littler JW. Management of Painful Neuromas in the Hand ... 369
*Herring JA. Rapidly Progressive Scoliosis in Multiple Epiphyseal Dysplasia. A Case Report ... 703
Hess WE *see* Dunn HK
Hickey CH and Jacobs PA. Experience with Closed Cryosurgical Technique ... 735
*Hirschmann JV and Everett ED. Candida Vertebral Osteomyelitis. Case Report and Review of the Literature ... 573

PAGE

Hislop H *see* **Waters RL**
Hjelmstedt A *see* **Erikson U**
Hobson DA *see* **Letts RM**
Hodgson AR *see* **Hsu LCS**
Hodgson AR *see* **Kalamchi A**
Hodgson AR *see* **Perry J**
Hoffer MM *see* **Perry J**
Hoffer MM *see* **Pletcher DF-J**
Hohl M and **Hopp E Jr.** Ligament Injuries in Tibial Condylar Fractures 279
***Holm CL.** Primary Synovial Chondromatosis of the Ankle. A Case Report 878
Holmblad J *see* **Lozman J**
Hornby R *see* **Kostuik JP**
***Hsieh H-H** and **Walker PS.** Stabilizing Mechanisms of the Loaded and Unloaded Knee Joint 87
***Hsu LCS, O'Brien JP, Yau ACMC** and **Hodgson AR.** Batchelor's Extra-Articular Subtalar Arthrodesis. A Report on Sixty-four Procedures in Patients with Poliomyelitic Deformities 243
Huff CW and **Ramsey PL.** Spina Bifida: Ambulatory Function and Related Hip Problems 735
Hughes JEO *see* **Fielding JW**
Hughes JL. Corrective Osteotomies of the Fibula After Defectively Healed Ankle Fractures 728
***Hughston JC, Andrews JR, Cross MJ** and **Moschi A.** Classification of Knee Ligament Instabilities. Part I. The Medial Compartment and Cruciate Ligaments 159
***Hughston JC, Andrews JR, Cross MJ** and **Moschi A.** Classification of Knee Ligament Instabilities. Part II. The Lateral Compartment 173
***Hume M, Turner RH, Kuriakose TX** and **Surprenant J.** Venous Thrombosis after Total Hip Replacement. Combined Monitoring as a Guide for Prophylaxis and Treatment 933
Hungerford DS and **Riley LH Jr.** Total Knee Replacement in Rheumatoid Arthritis 731
Hunter G and **Dandy D.** The Natural History of the Patient with an Infected Total Hip Replacement 731
Hutchinson F III and **Goldner JL.** The Cavus Foot: Surgical Correction 285

I

Ibarra-Isunza GC *see* **Sharnoff JG**
Ignatius P *see* **Wiesel SW**
Ilstrup DM *see* **Skolnick MD**
***Inglis AE, Scott WN, Sculco TP** and **Patterson AH.** Ruptures of the Tendo Achillis. An Objective Assessment of Surgical and Non-Surgical Treatment .. 990
Inglis AE *see* **Bisla RS**
***Insall J, Falvo KA** and **Wise DW.** Chondromalacia Patellae. A Prospective Study 1
Insall J *see* **Crosby EB**
***Insall JN, Ranawat CS, Aglietti P** and **Shine J.** A Comparison of Four Models of Total Knee-Replacement Prostheses 754
***Irani RN, Nicholson JT** and **Chung SMK.** Long-Term Results in the Treatment of Femoral-Shaft Fractures in Young Children by Immediate Spica Immobilization 945
***Ireland DCR, Takayama N** and **Flatt AE.** Poland's Syndrome. A Review of Forty-three Cases 52
Ireland DCR *see* **McCarthy EF**
Ivins JC *see* **Spanos PK**

J

Jackson JP *see* **Cargill AO'R**
Jacob R *see* **Macnab I**
Jacobs RR et al. A Biomechanical and Clinical Study of a Compression Screw and Nail Plate in the Treatment of Intertrochanteric Hip Fractures 732
***Jaffe N** and **Watts HG.** Multidrug Chemotherapy in Primary Treatment of Osteosarcoma. An Editorial Commentary 634
Jaffe N *see* **Riseborough EJ**
***Janecki CJ Jr.** Triggering of the Finger Caused by Flexor-Tendon Laceration. Report of Two Cases 1174
***Janecki CJ** and **Wilde AH.** Results of Phalangectomy of the Fifth Toe for Hammertoe. The Ruiz-Mora Procedure 1005
Janes JM *see* **Morrey BF**
Jardon OM et al. Malignant Hyperthermia — A Disease of Importance to Orthopaedics (Study of Dantrolene in Porcine Malignant Hyperthermia) 738
Jayakumar SS *see* **Eilert RE**
Jemmott GF *see* **Woo SL-Y**
***Jennings JJ, Harris WH** and **Sarmiento A.** A Clinical Evaluation of Aspirin Prophylaxis of Thromboembolic Disease after Total Hip Arthroplasty 926
Jessing P *see* **Hansen EH**
Jobe FW *see* **Lombardo SJ**
Johnson RJ *see* **Krause WR**
Johnston CC Jr. *see* **Khairi MRA**
Johnston JO *see* **Harrington KD**

K

***Kalamchi A, Yau ACMC, O'Brien JP** and **Hodgson AR.** Halo-Pelvic Distraction Apparatus. An Analysis of One Hundred and Fifty Consecutive Patients 1119
Kalenak A et al. The Relationship of Knee Stability to Knee Ligament Injuries 285
Karges DE. Results of Subtotal Acromionectomy in a Private Practice 284
Kaufer H *see* **Ricciardi JE**
Kaushal SP *see* **McKenna R**
Kawai S *see* **Muscolo DL**
Keggi KJ et al. Stabilization of the Spine Using Methylmethacrylate 738
Keissling P *see* **Linovitz RJ**
***Kennedy JC, Hawkins RJ, Willis RB** and **Danylchuk KD.** Tension Studies of Human Knee Ligaments. Yield Point, Ultimate Failure, and Disruption of the Cruciate and Tibial Collateral Ligaments 350
Kerlan RK *see* **Lombardo SJ**

* Indicates full article.

PAGE

***Kettelkamp DB, Wenger DR, Chao EYS** and **Thompson C.** Results of Proximal Tibial Osteotomy. The Effects of Tibiofemoral Angle, Stance-Phase Flexion-Extension, and Medial Plateau Force 952
Kettelkamp DB *see* **Sutton FS**
***Khairi MRA, Cronin JH, Robb JA, Smith DM, Yu PL** and **Johnston CC Jr.** Femoral Trabecular-Pattern Index and Bone Mineral Content Measurement by Photon Absorption in Senile Osteoporosis 221
Kinman PB *see* **Sarmiento A**
Koffman DM *see* **Pletcher DF-J**
Kondon JJ *see* **Linovitz RJ**
***Kostuik JP, Wood D, Hornby R, Feingold S** and **Mathews V.** The Measurement of Skin Blood Flow in Peripheral Vascular Disease by Epicutaneous Application of Xenon^{133} 833
Kostuik JP *see* **Cameron HU**
***Kramer WG, Craig WA** and **Noel S.** Compensating Osteotomy at the Base of the Femoral Neck for Slipped Capital Femoral Epiphysis 796
Kranik A *see* **Richin PF**
***Krause WR, Pope MH, Johnson RJ** and **Wilder DG.** Mechanical Changes in the Knee after Meniscectomy 599
Krawczyk M *see* **Mankin HJ**
Kretzler HH Jr. and **Scham SM.** External Fixation — Revisited 284
***Kuderna H, Böhler N** and **Collon DY.** Treatment of Intertrochanteric and Subtrochanteric Fractures of the Hip by the Ender Method 604
Kuriakose TX *see* **Hume M**
Kuslich SD and **Gustilo RB.** Fractures of the Femoral Neck in Young Adults . 724

L

***Labbate VA** and **Ehrlich GE.** Rheumatoid Arthritis with Unusual Myositis Resembling Muscular Dystrophy 571
Lachiewicz P *see* **Salvati EA**
Lane J *see* **Simon WH**
***Lane JM, Black J** and **Bora FW Jr.** Gliding Function Following Flexor-Tendon Injury. A Biomechanical Study of Rat Tendon Function 985
***Lane JM, Leyden JJ** and **Spiegel RJ.** Acne Arthralgia 673
Langer F *see* **Czitrom AA**
Langer F *see* **Urovitz EP**
***Laskin RS.** Modular Total Knee-Replacement Arthroplasty. A Review of Eighty-nine Patients 766
Lasser S *see* **Ramsey PL**
Lautenschlager EP *see* **Marks KE**
Lesin BE et al. Second Generation Cast Bracing: A Preliminary Report 282
***Letts RM, Fulford R** and **Hobson DA.** Mobility Aids for the Paraplegic Child . 38
Levet SN *see* **Pasquel PM**
Levy LJ and **Sanders FW.** Salvage Procedure for Hips with Low Grade Infection 281
Lewis G *see* **Perry J**
***Lewis MM** and **Arnold WD.** Complete Anterior Dislocation of the Sacro-Iliac Joint. A Case Report 136
Lewis MM et al. Patellectomy: An Analysis of One Hundred Cases 736
Lewis RJ et al. Ewing's Sarcoma: Treatment of the Primary Tumor 734
Leyden JJ *see* **Lane JM**
Lindberg C et al. The Surgical Treatment of Spinal Deformity in Myelodysplasia 155
Lindewald H *see* **Hansen EH**
Lindstrom JR et al. Acetabular Development after Reduction in Congenital Dislocation of the Hip 725
***Linovitz RJ, Resnick D, Keissling P, Kondon JJ, Sehler B, Nejdl RJ, Rowe JH** and **Deftos LJ.** Tumor-Induced Osteomalacia and Rickets: A Surgically Curable Syndrome. Report of Two Cases 419
Linscheid RL *see* **Beckenbaugh RD**
Lipke J *see* **Sutton FS**
Lipscomb PR *see* **Shoji H**
***Lipshitz H, Etheredge R III** and **Glimcher MJ.** Changes in the Hexosamine Content and Swelling Ratio of Articular Cartilage as Functions of Depth from the Surface 1149
Littler JW *see* **Herndon JH**
Lloyd-Roberts GC et al. A Controlled Study of the Indications and Results of Femoral Osteotomy in Perthes Disease 724
***Logel RJ.** Recurrent Intramuscular Myxoma Associated with Albright's Syndrome. Case Report and Review of the Literature 565
***Lombardo SJ, Kerlan RK, Jobe FW, Carter JS, Blazina ME** and **Shields CL Jr.** The Modified Bristow Procedure for Recurrent Dislocation of the Shoulder . 256
Lonstein JE et al. Post-Laminectomy Spine Deformity 727
Lotke PA et al. Osteonecrosis of the Knee Prior to Bone Collapse 285
***Louis DS, Calhoun TP, Garn SM, Carroll RE** and **Burdi AR.** Congenital Bipartite Scaphoid — Fact or Fiction? 1108
Louis DS *see* **Palmer AK**
Louis DS *see* **Ricciardi JE**
Louis HJ *see* **Bisla RJ**
***Lowe J** and **Yosipovitch Z.** Tarsometatarsal Dislocation: A Mechanism Blocking Manipulative Reduction. Case Report 1029
Lowe TG and **Kistler M.** Transfemoral Epidural Venography 283
***Lozman J** and **Holmblad J.** Cavernous Hemangiomas Associated with Scoliosis and a Localized Consumptive Coagulopathy. A Case Report 1021
Luk SC *see* **Czitrom AA**

M

***McBeath AA** and **Neidhart DA.** Acetabular Cyst with Communicating Ganglion. A Case Report 267
***McCarthy EF, Ireland DCR, Sprague BL** and **Bonfiglio M.** Parosteal (Nodular) Fasciitis of the Hand. A Case Report 714
McCollough NC III and **Vinsant J.** Functional Casting and Bracing of Long Bone Fractures in Children 734
McCreadie SR *see* **Tang TT**
McDevitt NB *see* **Bowers WH**
MacEwen GD *see* **Hensinger RN**
MacEwen GD *see* **Ramsey PL**

PAGE

McGinty JB and **Freedman PA.** Arthroscopy of the Knee: A Review of 221 Consecutive Cases ... 736
McKay DW and **Nason SS.** Surgical Treatment of Solitary Unicameral Bone Cysts: A New Concept ... 734
***McKenna R, Bachman F, Kaushal SP** and **Galante JO.** Thromboembolic Disease in Patients Undergoing Total Knee Replacement ... 928
***McLaughlin RE, Miller WR** and **Miller CW.** Quadriparesis after Needle Aspiration of the Cervical Spine. Report of a Case ... 1167
McMaster PE and **Hohl M.** Tibiofibular Cross-Peg Grafting for Complicated Tibial Non-union ... 281
***Macnab I, St. Louis EL, Grabias SL** and **Jacob R.** Selective Ascending Lumbosacral Venography in the Assessment of Lumbar-Disc Herniation. An Anatomical Study and Clinical Experience ... 1093
Macnab I et al. Selective Ascending Lumbosacral Venography ... 730
Macnab I *see* **Rorabeck CH**
McReynolds IS. Fractures of the Os Calcis Involving the Subastragalar Joint: Treatment by Open Reduction and Internal Fixation with Staples, Using a Medial Approach ... 733
Malerich M et al. Evaluation of the Large Sacral Alar Hook and Anterior Transverse Process Fusion in the Treatment of Paralytic Scoliosis ... 157
Malver EI *see* **Hansen EH**
Mancer K *see* **Cameron HU**
***Mankin HJ, Carter RM** and **Krawczyk M.** The Effect of Native Language on Performance on the Orthopaedic In-Training Examination ... 425
Mann RA. Tarsal Tunnel Syndrome ... 283
***Mansour JM** and **Mow VC.** The Permeability of Articular Cartilage under Compressive Strain and at High Pressures ... 509
Marin JC *see* **Uriburu IJF**
Mariorenzi AL *see* **Broderick PA**
***Markolf KL, Mensch JS** and **Amstutz HC.** Stiffness and Laxity of the Knee — The Contributions of the Supporting Structures. A Quantative *In Vitro* Study 583
Markolf KL *see* **Mensch JS**
***Marks KE, Nelson CL** and **Lautenschlager EF.** Antibiotic-Impregnated Acrylic Bone Cement ... 358
Marshall JL *see* **Furman W**
Martens M *see* **Burstein AH**
***Martini M.** The Sub-Deltoid Approach to the Metaphyseal Region of the Humerus ... 377
Marvel JP Jr. *see* **Wiesel SW**
Mathews V *see* **Kostuik JP**
Matsen FA III *see* **Sheridan GW**
Matthews LS et al. The Spherocentric Knee ... 731
May GI *see* **Neviaser RJ**
May JW Jr. *see* **Finseth F**
Mayfield G *see* **Burkhalter WE**
Maynard JA *see* **Buckwalter JA**
Meissl G *see* **Millesi H**
***Mensch JS, Markolf KL, Roberts SB** and **Finerman GM.** Experimental Stabilization of Segmental Defects in the Human Femur. A Torsional Study ... 185
Mensch JS *see* **Markolf KL**
***Merritt K, Boyle WE Jr., Dye SK** and **Porter RE.** Counter Immunoelectrophoresis in the Diagnosis of Septic Arthritis Caused by *Hemophilus influenzae*. Report of Two Cases ... 414
Meyers MH *see* **Moore TM**
***Micheli LJ, Hall JE** and **Watts HG.** Spinal Instability in Larsen's Syndrome. Report of Three Cases ... 562
***Mickelson MR** and **Bonfiglio M.** Pathological Fractures in the Proximal Part of the Femur Treated by Zickel-Nail Fixation ... 1067
Milbrandt WE *see* **Gunn CC**
Milgram JW. The Origins and Evolution of Loose Bodies in Human Joints: Osteochondral Fractures of the Distal Femoral Condyle (Osteochondritis Dissecans) ... 737
***Milgram JW** and **Addison RG.** Synovial Osteochondromatosis of the Knee. Chondromatous Recurrence with Possible Chondrosarcomatous Degeneration 264
Milgram JW *see* **Zadek RE**
Millender LH *see* **Millis MB**
***Miller CW, DeBlasi RF** and **Fisher SJ.** Immunological Studies in Murine Osteosarcoma. Immunogenicity, Growth Kinetics, and Immunotherapy ... 312
Miller CW *see* **Gold EW**
Miller CW *see* **McLaughlin RE**
Miller J et al. Contamination of Operating Room Air by Organisms Emanating from the Surgical Team — An Experimental Study of Methods for Prevention 738
Miller JM III *see* **Stover SL**
Miller WR *see* **McLaughlin RE**
***Millesi H, Meissl G** and **Berger A.** Further Experience with Interfascicular Grafting of the Median, Ulnar, and Radial Nerves ... 209
***Millis MB, Millender LH** and **Nalebuff EA.** Stiffness of the Proximal Interphalangeal Joints in Rheumatoid Arthritis. The Role of Flexor Tenosynovitis 801
Mindell E *see* **Douglass HO Jr.**
Mital MA and **Cashman WF.** A Fresh Ambulatory Approach to Treatment of Femoral Shaft Fractures in Children — A Comparison with Traditional Conservative Methods ... 285
Mitchell MS *see* **Friedlaender GE**
***Mitchell N** and **Shepard N.** The Resurfacing of Adult Rabbit Articular Cartilage by Multiple Perforations through the Subchondral Bone ... 230
Mitchell N *see* **Behrens F**
***Mitra M, Sen AK** and **Deb HK.** Myositis Ossificans Traumatica: A Complication of Tetanus. Report of a Case and Review of the Literature ... 885
***Mooney V, Wagner FW Jr., Waddell J** and **Ackerson T.** The Below-the-Knee Amputation for Vascular Disease ... 365
***Moore TM, Meyers MH** and **Harvey JP Jr.** Collateral Ligament Laxity of the Knee. Long-Term Comparison between Plateau Fractures and Normal ... 594
***Moorefield WG, Urbaniak JR, Ogden WS** and **Frank JL.** Acquired Hypothyroidism and Slipped Capital Femoral Epiphysis. Report of Three Cases ... 705
Morchio FJ *see* **Uriburu IJF**
***Morrey BF** and **Chao EYS.** Passive Motion of the Elbow Joint. A Biomechanical Analysis ... 501
***Morrey BF** and **Janes JM.** Recurrent Anterior Dislocation of the Shoulder. Long-Term Follow-up of the Putti-Platt and Bankart Procedures ... 252
***Morrey BF, Bianco AJ** and **Rhodes KH.** Suppurative Arthritis of the Hip in Children ... 388
Moschi A *see* **Hughston JC**
***Mosher JF.** Multiple Enchondromatosis of the Hand. A Case Report ... 717
Mouradian WH *see* **Zickel RE**
Mow VC *see* **Mansour JM**
***Mubarak SJ, Hargens AR, Owen CA, Garetto LP** and **Akeson WH.** The Wick Catheter Technique for Measurement of Intramuscular Pressure. A New Research and Clinical Tool ... 1016
Munger DH. The Pavlik Sling in Congenital Dislocation of the Hip ... 736
Murphy RB *see* **Sarmiento A**
Murphy WA *see* **Bartlett DH**
***Muscolo DL, Kawai S** and **Ray RD.** Cellular and Humoral Immune Response Analysis of Bone-Allografted Rats ... 826
Mutz SB *see* **Freeland AE**

N

Nachemson A and **Nordwall A.** The Cotrel Dynamic Spine Traction — An Ineffective Method for Preoperative Correction of Scoliosis ... 158
Nagel DA *see* **Donovan TL**
Nalebuff EA *see* **Millis MB**
Nash CL et al. Spinal-Cord Monitoring of Patients Undergoing Spine Surgery . 730
***Nathan PA** and **Fowler A.** Remodeling of a Metacarpal Bone Graft in a Child. Report of a Case followed for Fifty-two Years ... 719
Neibauer JJ *see* **Rodrigo JJ**
Neidhart DA *see* **McBeath AA**
Nejdl RJ *see* **Linovitz RJ**
Nelson CL *see* **Heinzelmann PR**
Nelson CL *see* **Marks KE**
Nelson PW. A Comparative Review of Cylindrical Inlay Facet Fusions for Scoliosis ... 156
***Neviaser RJ, Adams JP** and **May GI.** Complications of Arterial Puncture in Anticoagulated Patients ... 218
Nicholson JT *see* **Irani RN**
Niemann KMW *see* **Stover SL**
Noel S *see* **Kramer WG**
***Noyes FR** and **Grood ES.** The Strength of the Anterior Cruciate Ligament in Humans and Rhesus Monkeys. Age-Related and Species-Related Changes ... 1074
Noyes FR *see* **Grood ES**

O

O'Brien ET and **Fahey JJ.** Remodeling of the Femoral Neck after *in Situ* Pinning of Slipped Capital Femoral Epiphysis ... 737
O'Brien JP *see* **Hsu LCS**
O'Brien JP *see* **Kalamchi A**
O'Brien JP *see* **Perry J**
Odom JA Jr. et al. Tubing Injuries ... 280, 733
***Ogden JA.** Ipsilateral Femoral Bifurcation and Tibial Hemimelia. A Case Report ... 713
***Ogden JA, Watson HK** and **Bohne W.** Ulnar Dysmelia ... 467
Ogden WS *see* **Moorefield WG**
Olesen T *see* **Hansen EH**
Olsen GA et al. The Use of Muscle Stimulation and Rib Resection to Correct Scoliotic Curves ... 155
Østergaard P *see* **Hansen EH**
Osterman AL *see* **Brighton CT**
Owen CA *see* **Mubarak SJ**

P

***Palande DD.** Correction of Paralytic Claw Finger in Leprosy by Capsulorrhaphy and Pulley Advancement ... 59
***Panjabi MM, Brand RA Jr.** and **White AA III.** Mechanical Properties of the Human Thoracic Spine. As Shown by Three-Dimensional Load-Displacement Curves ... 642
***Pankovich AM.** Maisonneuve Fracture of the Fibula ... 337
Pankovich AM *see* **Elstrom J**
Parsons JR *see* **Simon WH**
***Pasquel PM, Levet SN** and **de Leon B.** Primary Rhabdomyosarcoma of Bone. A Case Report ... 1176
Patterson AH *see* **Inglis AE**
Payne WS *see* **Spanos PK**
***Peimer CA, Yuan HA** and **Sagerman RH.** Postradiation Chondrosarcoma. A Case Report ... 1033
Percy EC and **Conochie LB.** The Surgical Treatment of Ruptured Tendo-Achillis 729
***Perry J, O'Brien JP** and **Hodgson AR.** Triple Tenodesis of the Knee. A Soft-Tissue Operation for the Correction of Paralytic Genu Recurvatum ... 978
***Perry J, Hoffer MM, Antonelli D, Plut J, Lewis G** and **Greenberg R.** Electromyography before and after Surgery for Hip Deformity in Children with Cerebral Palsy. A Comparison of Clinical and Electromyographic Findings .. 201
Perry J *see* **Waters RL**
Peterson CA. Tuberculous Arthritis following Intra-articular Steroids ... 279
Peterson LFA *see* **Skolnick MD**
Phillips JG *see* **Sarmiento A**
Pierce DS and **Barr JS Jr.** The Use of the Halo-Brace and Anterior Body Resection in the Treatment of Quadriplegia ... 728
Pierik MG *see* **Broderick PA**
Pike RF *see* **Broderick PA**
***Pletcher DF-J, Hoffer MM** and **Koffman DM.** Non-Traumatic Dislocation of the Radial Head in Cerebral Palsy ... 104
Plowman DL et al. Treatment of Nonunion and Malunion of the Femoral Shaft 281
Plut J *see* **Perry J**
Pope MH *see* **Krause WR**

PAGE

*Poppen NK and Walker PS. Normal and Abnormal Motion of the Shoulder .. 195
Porter RE see Merritt K
*Poss R, Ewald FC, Thomas WH and Sledge CB. Complications of Total Hip-Replacement Arthroplasty in Patients with Rheumatoid Arthritis 1130
Poss R et al. Results of Total Hip Replacement in Patients with Rheumatoid Arthritis: The Experience of the Robert Breck Brigham Hospital, 1969-1974 730
Pritchard DJ see Spanos PK
Pritzker KPH see Czitrom AA
Pritzker KPH see Urovitz EP
*Protzman RR and Burkhalter WE. Femoral-Neck Fractures in Young Adults .. 689

Q

Quivey JM see Chinn D

R

Ramsey J see Blizmak J
*Ramsey PL and Hamilton W. Changes in Tibiotalar Area of Contact Caused by Lateral Talar Shift 356
*Ramsey PL, Lasser S and MacEwen GD. Congenital Dislocation of the Hip. Use of the Pavlik Harness in the Child during the First Six Months of Life 1000
Ramsey PL et al. Mechanical Analysis of Cotrel Traction in Idiopathic Scoliosis 157
Ranawat CS and Wessinger J. Rehabilitation of the Totally Disabled Patient with Rheumatoid Arthritis 284
Ranawat CS see Bisla RS
Ranawat CS see Insall JN
Ratzan SA see Fielding JW
Ray RD see Barmada R
Ray RD see Muscolo DL
*Reckling FW. Fifty-five-Year Follow-up of a Patient with Bilateral Hip Disease: Dysplasia of One Hip and Dislocation of the Other. A Case Report 897
Reckling FW et al. The Radiographic Lucent Line at the Bone-Cement Interface following Total Joint Replacement Procedures 738
Reilly DT see Burstein AH
Resnick D see Linovitz RJ
*Rezaian SM. Tibial Lengthening Using a New Extension Device. Report of Thirty-two Cases 239
Rhodes KH see Morrey BF
*Ricciardi JE, Kaufer H and Louis DS. Acquired Os Odontoideum following Acute Ligament Injury. Report of a Case 410
Richardson S see Simon WH
Richey DG see Froimson AI
*Richin PF, Kranik A, Van Herpe L and Suffecool SL. Congenital Pseudarthrosis of Both Bones of the Forearm. A Case Report 1032
Riegler HF and Harris CM. Heterotopic Bone Formation after Total Hip Arthroplasty 284
*Riggins RS. Shoulder Fusion without External Fixation. A Preliminary Report 1007
*Rinsky LA and Bleck EE. Freeman-Sheldon ("Whistling Face") Syndrome 148
*Riseborough EJ, Grabias SL, Burton RI and Jaffe N. Skeletal Alterations following Irradiation for Wilms' Tumor, With Particular Reference to Scoliosis and Kyphosis 526
Riseborough EJ et al. Alterations Occurring in the Axial Skeleton Following Irradiation for Wilm's Tumor 155
Riseborough EJ see Chaglassian JH
Robb JA see Khairi MRA
*Roberts JB. Bilateral Hyperplastic Callus Formation in Osteogenesis Imperfecta. A Case Report 1164
Roberts SB see Mensch JS
*Roca J, Beltran JE, Fairen MF and Alvarez A. Treatment of Kienböck's Disease Using a Silicone Rubber Implant 373
*Rodrigo JJ, Neibauer JJ, Brown RL and Doyle JR. Treatment of Dupuytren's Contracture. Long-Term Results after Fasciotomy and Fascial Excision 380
Rodriguez J see Elstrom J
*Rorabeck CH and Macnab I. Anterior Tibial-Compartment Syndrome Complicating Fractures of the Shaft of the Tibia 549
Rosen RL see Sharnoff JG
Rosenthal RE et al. Non-Union in Open Tibial Fractures: Analysis of Failure of Treatment with Early Weight-Bearing 732
Rothman RH see Wiesel SW
Rothschild S see Eisenstein A
Rovere GD et al. Treatment of "Gamekeeper's Thumb" in Hockey Players 285
Rowe DE see Ryan JR
Rowe JH see Linovitz RJ
Rutherford L see Woo SL-Y
*Ryan JR, Rowe DE and Salciccioli GG. Prophylactic Internal Fixation of the Femur for Neoplastic Lesions 1071
Ryder M see Daniel D

S

Sadler AH see Sharnoff JG
Sagerman RH see Peimer CA
St. Louis EL see Macnab I
Sakai D see Finerman GAM
Sakai DN et al. Treatment of Fibular Hemimelia: Long-Term Follow-up with Syme's Amputation 729
Sakai DN see Westin GW
*Sakellarides HT and DeWeese JW. Instability of the Metacarpophalangeal Joint of the Thumb. Reconstruction of the Collateral Ligaments Using the Extensor Pollicis Brevis Tendon 106
Salciccioli GG see Ryan JR
*Salvati EA and Lachiewicz P. Thromboembolism following Total Hip-Replacement Arthroplasty. The Efficacy of Dextran-Aspirin and Dextran-Warfarin in Prophylaxis 921
Salvati EA see Hallel T
*Salzman EW and Harris WH. Prevention of Venous Thromboembolism in Orthopaedic Patients 903
Salzman EW see Harris WH
*Sarmiento A, Kinman PB, Murphy RB and Phillips JG. Treatment of Ulnar Fractures by Functional Bracing 1103
Sarmiento A see Jennings JJ
Sassoon H see Elstrom J
Scheck M. Tenodesing Effect of the Plantar Aponeurosis on Metatarsophalangeal Joints: A Clinical, Anatomic, and Roentgenographic Study 284
*Scherr DD and Dodd TA. *In Vitro* Bacteriological Evaluation of the Effectiveness of Antimicrobial Irrigating Solutions 119
Schiller AL see Harris WH
Scholler J-M see Harris WH
*Schonholtz GJ. Maintenance of Aseptic Barriers in the Conventional Operating Room. General Principles 439
Schultz AB see Andriacchi TP
Schultz AB see Benson DR
Schwartz ER see Gold EW
Schwartz SA and Mooney V. Feasibility of the Skeletal Attachment of a Limb Prosthesis 280
*Schwentker EP and Gibson DA. The Orthopaedic Aspects of Spinal Muscular Atrophy 32
Scott R see Harris WH
Scott WN see Inglis AE
Sculco TP et al. I.C.L.H. Total Knee Arthroplasty in Severely Damaged Knees 730
Sculco TP see Inglis AE
Season EH et al. Spinal Deformity Following Treatment of Neuroblastoma 155
Sehler B see Linovitz RJ
Sell KW see Friedlaender GE
Sell KW see Spence KF
Sen AK see Mitra M
*Sharnoff JG, Rosen RL, Sadler AH and Ibarra-Isunza GC. Prevention of Fatal Pulmonary Thromboembolism by Heparin Prophylaxis after Surgery for Hip Fractures 913
Shepard N see Behrens F
Shepard N see Mitchell N
*Sheridan GW and Matsen FA III. Fasciotomy in the Treatment of the Acute Compartment Syndrome 112
Sherk HH et al. Anticonvulsant Rickets 737
Shields CL Jr. see Lombardo SJ
Shine J see Insall JN
*Shoji H, D'Ambrosia RD and Lipscomb PR. Failed Polycentric Total Knee Prostheses 773
Shoji H see D'Ambrosia RD
Shoji H see Wolf AW
Short JY see Chrisman OD
Shukla SK see Douglass HO Jr.
Silva JE see Froimson AI
Sim FH see Harrington KD
Sim FH see Stauffer RN
Sim FH see Unni KK
Simmons EH and Bailey SI. Anterior Cervical Discectomy and Fusion with the Keystone Technique — A Long-Term Evaluation 729
Simmons EH and Thomas AF. Neurofibromatosis Associated with Scoliosis 155
*Simon MA and Enneking WF. The Management of Soft-Tissue Sarcomas of the Extremities 317
*Simon WH, Richardson S, Herman W, Parsons JR and Lane J. Long-Term Effects of Chondrocyte Death on Rabbit Articular Cartilage *in Vivo* 517
Singsen EG and Wissinger HA. Abductor Digiti Quinti Opponensplasty 727
Skinner SR see Dunn EJ
*Skolnick MD, Coventry MB and Ilstrup DM. Geometric Total Knee Arthroplasty. A Two-Year Follow-up Study 749
*Skolnick MD, Bryan RS, Peterson LFA, Combs JJ and Ilstrup DM. Polycentric Total Knee Arthroplasty. A Two-Year Follow-up Study 743
Skolnick MD et al. Geometric Total Knee Arthroplasty: A Two-Year Follow-up Study 731
Sledge CB see Poss R
*Smilack JD and Gentry LO. Candida Costochondral Osteomyelitis. Report of a Case and Review of the Literature 888
Smith CF and Borelli L. Aggressive Treatment of Rachitic Deformities in the Lower Extremities in Growing Children 735
Smith DM see Khairi MRA
Smith RJ see Finseth F
Snook GA see Chrisman OD
*Spanos PK, Payne WS, Ivins JC and Pritchard DJ. Pulmonary Resection for Metastatic Osteogenic Sarcoma 624
*Spence KF, Bright RW, Fitzgerald SP and Sell KW. Solitary Unicameral Bone Cyst: Treatment with Freeze-Dried Crushed Cortical-Bone Allograft. A Review of One Hundred and Forty-four Cases 636
Spencer JB see Bowers WH
Spengler DM et al. The Multiply Operated Low Back Patient: Failure of Initial Selectivity 730
Spiegel RJ see Lane JM
Spinner M see Strauch B
Spinos E see Bourguignon RL
Sprague BL see McCarthy EF
Sprague BL see Weinstein SL
*Srinivasan H. Patterns of Movement of Totally Intrinsic-Minus Fingers. Based on a Study of One Hundred and Forty-one Fingers 777
Stark HH et al. Fusion of the First Metacarpal-Trapezium Joint for Degenerative Arthritis 727
Stark HH see Filler BC
Stauffer ES et al. Civilian Gunshot Wounds of the Spine: Is Laminectomy Indicated? 727
*Stauffer RN and Sim FH. Total Hip Arthroplasty in Paget's Disease of the Hip 476
Steinhaus K see Collis DK
Stephenson WK et al. Anderson's Tibial Lengthening Procedure 279

* Indicates full article.

PAGE

Sterling A *see* **Habermann ET**
Steurer PA Jr. et al. Patellectomy: A Clinical Study and Biomechanical Evaluation 736
***Stover SL, Niemann KMW** and **Miller JM III.** Disodium Etidronate in the Prevention of Postoperative Recurrence of Heterotopic Ossification in Spinal-Cord Injury Patients 683
***Strauch B** and **Spinner M.** Congenital Anomaly of the Thumb: Absent Intrinsics and Flexor Pollicis Longus 115
Streitz WL et al. Kyphosis: A Review of Twenty Cases Employing Anterior Fibular Strut Grafting Technique 283
Strong DM *see* **Friedlaender GE**
Suffecool SL *see* **Richin PF**
***Sugiura I.** Desmoplastic Fibroma. Case Report and Review of the Literature 126
Surprenant J *see* **Hume M**
***Sutow WW, Gehan EA, Vietti TJ, Frias AE** and **Dyment PG.** Multidrug Chemotherapy in Primary Treatment of Osteosarcoma 629
***Sutton FS, Thompson CH, Lipke J** and **Kettelkamp DB.** The Effect of Patellectomy on Knee Function 537

T

Takayama N *see* **Ireland DCR**
***Tang TT, Zuege RC, Babbitt DP, Blount WP** and **McCreadie SR.** Angioglomoid Tumor of Bone. A Case Report 873
Taylor TKF et al. The Response of the Immature Intervertebral Disc to Abnormal Physical Forces — An Experimental Study 155
Teitge RA. Subtrochanteric Fractures of the Femur 281
Thomas WH *see* **Poss R**
Thompson C *see* **Kettelkamp DB**
Thompson CH *see* **Sutton FS**
Thompson RC Jr. et al. Operative Versus Non-Operative Treatment of Cervical Spine Fractures 728
Thompson WJ *see* **Hawkins RJ**
Thrasher EL *see* **Cobden RH**
Tietjen R *see* **Grantham SA**
***Torgerson WR** and **Dotter WE.** Comparative Roentgenographic Study of the Asymptomatic and Symptomatic Lumbar Spine 850
***Tracy HW.** Operative Treatment of the Plantar-Flexed Inverted Foot in Adult Hemiplegia 1142
Tredwell SJ and **O'Brien JP.** Apophyseal Joint Degeneration in the Cervical Spine Following Halo-Pelvic Distraction 158
Truchly G and **Thompson WAL.** Experience with Modified Putti Procedure in 302 Consecutive Cases of Anterior Recurrent Dislocation of the Shoulder 735
Turner RH *see* **Hume M**
Turner RS. Effective Lumbosacral Fusions Using Lamina-Facet Blocks and Lateral and Posterior Element Techniques 283

U

***Unni KK, Dahlin DC, Beabout JW** and **Sim FH.** Chondrosarcoma: Clear-Cell Variant. A Report of Sixteen Cases 676
Urbaniak JR *see* **Moorefield WG**
***Uriburu IJF, Morchio FJ** and **Marin JC.** Compression Syndrome of the Deep Motor Branch of the Ulnar Nerve (Piso-Hamate Hiatus Syndrome) 145
***Urovitz EP, Czitrom AA, Langer F, Gross AE** and **Pritzker KPH.** Immunogenicity of Virus-Induced Rat Osteosarcoma 308
Urquhart BA et al. Treatment of Legg-Calvé-Perthes Disease with an Ambulatory A-Frame Brace 282

V

Van Herpe L *see* **Richin PF**
Vietti TJ *see* **Sutow WW**
Volz RG. The Development and Clinical Implementation of a Total Wrist Joint 727

W

Waddell J *see* **Mooney V**
Wagner FW Jr. *see* **Mooney V**
Walker PS *see* **Hsieh H-H**
Walker PS *see* **Popper NK**
Walsh AF *see* **Bourguignon RL**
Waltman AC *see* **Harris WH**
***Waters RL, Perry J, Antonelli D** and **Hislop H.** Energy Cost of Walking of Amputees: The Influence of Level of Amputation 42
Watson HK *see* **Ogden JA**
Watson JR and **Nash CL Jr.** Analysis of Fluid Balance in Post Operative Scoliosis Patients 157
Watts HG. High Dose Methotrexate Chemotherapy in Osteosarcoma in Children 734

PAGE

Watts HG *see* **Jaffe N**
Watts HG *see* **Micheli LJ**
Waugh TR et al. Irvine Ankle Arthroplasty: Design, Operative Technique and Preliminary Results 729
***Weber ER, Daube JR** and **Coventry MB.** Peripheral Neuropathies Associated with Total Hip Arthroplasty 66
Weingarten S *see* **Finerman GAM**
***Weinstein SL, Sprague BL** and **Flatt AE.** Evaluation of the Two-Stage Flexor-Tendon Reconstruction in Severely Damaged Digits 786
Welch RB et al. Total Hip Replacement as a Salvage in Traumatic Lesions about the Hip 281
Wenger DR *see* **Kettelkamp DB**
***Wesely MS, Barenfeld PA** and **Eisenstein AL.** The Use of the Zuelzer Hook Plate in Fixation of Olecranon Fractures 859
***Westin GW, Sakai DN** and **Wood WL.** Congenital Longitudinal Deficiency of the Fibula. Follow-up of Treatment by Syme Amputation 492
White AA III *see* **Panjabi MM**
White AH and **Wiltse LL.** Spondylolisthesis after Extensive Lumbar Laminectomy 727
***Wiesel SW, Ignatius P, Marvel JP Jr.** and **Rothman RH.** Intradural Neurofibroma Simulating Lumbar-Disc Disease. Report of Six Cases 1040
Wild H *see* **Janecki CJ**
Wilder DG *see* **Krause WR**
***Wilkins KE** and **Gibson DA.** The Patterns of Spinal Deformity in Duchenne Muscular Dystrophy 24
Willis RB *see* **Kennedy JC**
Willner S et al. A Study of Growth Hormone and Somatomedin (Sulphation Factor) in Girls with Adolescent Idiopathic Scoliosis 155
Wilson TC *see* **Chrisman OD**
Winquist RA and **Hansen ST.** Segmental Fractures of the Femur 283
Winter RB. A Case Report, Congenital Kyphoscoliosis with Paralysis Following Hemivertebra Excision 157
Winter RB et al. Preliminary Results — A Field Test of the Boston Prefabricated Milwaukee Brace Pelvic Section, Committee on Orthopaedic Development of the Scoliosis Research Society 156
***Winter WG Jr.** Spontaneous Pneumothorax Heralding Metastasis of Adamantinoma of the Tibia. Report of Two Cases 416
Winter WG Jr. *see* **Coy JT III**
Wirth CR *see* **Akbarnia BA**
Wise DW *see* **Insall J**
***Wolf AW, Shoji H** and **Chuinard RG.** Unusual Fracture of the Coracoid Process. A Case Report and Review of the Literature 423
Wolf CR *see* **Coy JT III**
***Woo SL-Y, Akeson WH, Coutts RD, Rutherford L, Doty D, Jemmott GF** and **Amiel D.** A Comparison of Cortical Bone Atrophy Secondary to Fixation with Plates with Large Differences in Bending Stiffness 190
Wood D *see* **Kostuik JP**
Wood WL *see* **Westin GW**
***Worral VT** and **Butera V.** Sickle-Cell Dactylitis 1161

Y

Yablon IG et al. The Key Role of the Lateral Malleolus in Displaced Ankle Fractures 733
Yau ACMC *see* **Hsu LCS**
Yau ACMC *see* **Kalamchi A**
Yosipovitch Z *see* **Lowe J**
Yu PL *see* **Khairi MRA**
Yuan HA *see* **Peimer CA**

Z

***Zadek RE** and **Milgram JW.** Progression of Paget's Disease in the Tibia. A Case Report 876
***Zaricznyj B.** Late Reconstruction of the Ligaments following Acromioclavicular Separation 792
***Zickel RE.** An Intramedullary Fixation Device for the Proximal Part of the Femur. Nine Years' Experience 866
***Zickel RE** and **Mouradian WH.** Intramedullary Fixation of Pathological Fractures and Lesions of the Subtrochanteric Region of the Femur 1061
Zickel RE and **Mouradian WH.** The Intramedullary Fixation of Pathological Fractures and Lesions of the Subtrochanteric Region of the Femur 732
Zimmerman AJ and **Laskin RS.** Intercondylar "T" Fracture of the Distal Femur: A Simplified Method of Treatment 285
Zuege RC *see* **Tang TT**

SUBJECT INDEX

Volume 58-A

PAGE

A

*Acetabular Cyst with Communicating Ganglion. A Case Report. McBeath AA and Neidhart DA ... 267
Acetabulum, Dial Osteotomy of the. Eppright RH ... 283
Acetabulum, Dial Osteotomy of the, in the Treatment of Dysplasia of the Hip. Eppright RH ... 726
Acromioclavicular Joint, Injuries to the: Rationale of Treatment. Bagg RJ Jr. and Barwick MC ... 280
Acromio-Clavicular Joint Treated by Mersilene Taping, Complete Dislocations of the. Detenbeck LC and Barnhart JM ... 280
*Acromioclavicular Separation, Late Reconstruction of the Ligaments following. Zaricznyj B ... 792
Acromionectomy in a Private Practice, Results of Subtotal. Karges DE ... 284
*Adamantinoma of the Tibia, Spontaneous Pneumothorax Heralding Metastasis of. Report of Two Cases. Winter WG Jr. ... 416
*Agenesis, Lumbosacral Coccygeal. Autopsy Case Report. Abraham E ... 1169
*Aging of Bone Tissue: Mechanical Properties. Burstein AH, Reilly DT and Martens M ... 82
Air, Contamination of Operating Room, by Organisms Emanating from the Surgical Team — An Experimental Study of Methods for Prevention. Miller J et al ... 738
*Albright's Syndrome, Recurrent Intramuscular Myxoma Associated with. Case Report and Review of the Literature. Logel RJ ... 565
*Allograft, Treatment with Freeze-Dried Crushed Cortical-Bone: Solitary Unicameral Bone Cyst. Spence KF Jr., Bright RW, Fitzgerald SP and Sell KW ... 636
*American Academy of Orthopaedic Surgeons, The. Vice-Presidential Address. Henderson ED ... 432
*Amputation, The Influence of Level of. Energy Cost of Walking of Amputees. Waters RL, Perry J, Antonelli D and Hislop H ... 42
*Amputation for Vascular Disease, The Below-the-Knee. Mooney V, Wagner FW Jr., Waddell J and Ackerson T ... 365
*Amputations, Boyd and Syme Ankle, in Children. Eilert RE and Jayakumar SS 1138
Amputations, Boyd and Syme, in Children. Eilert RE and Jayakumar SS ... 726
*Amputee, The Upper-Extremity. Early and Immediate Post-Surgical Prosthetic Fitting. Burkhalter WE, Mayfield G and Carmona LS ... 46
*Amputees, Energy Cost of Walking of: The Influence of Level of Amputation. Waters RL, Perry J, Antonelli D and Hislop H ... 42
Anesthesia in Scoliosis Surgery, Hypotension. Domisse GF et al ... 157
*Angioglomoid Tumor of Bone. A Case Report. Tang TT, Zuege RC, Babbitt DP, Blount WP and McCreadie SR ... 873
*Ankle Amputations in Children, Boyd and Syme. Eilert RE and Jayakumar SS 1138
Ankle Arthroplasty, Irvine: Design, Operative Technique and Preliminary Results. Waugh TR et al ... 729
Ankle Fractures, Defectively Healed: Corrective Osteotomies of the Fibula after. Hughes JL ... 728
Ankle Fractures, Displaced, The Key Role of the Lateral Malleolus in. Yablon IG et al ... 733
Ankle Fractures, Vertical Transarticular Pin Fixation of Unstable: Impressions after Fifteen Years of Experience. Childress HM ... 728
*Ankle, Primary Synovial Chondromatosis of the. A Case Report. Holm CL ... 878
*Ankylosing Spondylitis with Involvement of the Hip, Total Hip Replacement in Patients with. Bisla RS, Ranawat CS and Inglis AE ... 233
*Antibiotic-Impregnated Acrylic Bone Cement. Marks KE, Nelson CL and Lautenschlager EP ... 358
*Anticoagulated Patients, Complications of Arterial Puncture in. Neviaser RJ, Adams JP and May GI ... 218
*Antigenicity of Bone, Studies on the. I. Freeze-Dried and Deep-Frozen Bone Allografts in Rabbits. Friedlaender GE, Strong DM and Sell KW ... 854
*Antimicrobial Irrigating Solutions, *In Vitro* Bacteriological Evaluation of the Effectiveness of. Scherr DD and Dodd TA ... 119
*Arterial Puncture in Anticoagulated Patients, Complications of. Neviaser RJ, Adams JP and May GI ... 218
*Arterial Supply of the Developing Proximal End of the Human Femur. Chung SMK ... 961
*Artery Rupture in Ehlers-Danlos Syndrome, Brachial-: An Unusual Cause of High Median-Nerve Palsy. A Case Report. Bowers WH, Spencer JB and McDevitt NB ... 1025
*Arthralgia, Acne. Lane JM, Leyden JJ and Spiegel RJ ... 673
Arthritis, Degenerative, Fusion of the First Metacarpal-Trapezium Joint for. Stark HH et al ... 727
*Arthritis Due to *Escherichia coli*, Emphysematous Septic. Bliznak J and Ramsey J ... 138
*Arthritis of the Hip in Children, Suppurative. Morrey BF, Bianco AJ and Rhodes KH ... 388
*Arthritis, Pyogenic, of the Sacro-Iliac Joint. Long-Term Follow-up. Coy JT III, Wolf CR, Brower TD and Winter WG Jr. ... 845
*Arthritis, Rheumatoid, Complications of Total Hip-Replacement Arthroplasty in Patients with. Poss R, Ewald FC, Thomas WH and Sledge CB ... 1130
*Arthritis, Rheumatoid, Rehabilitation of the Totally Disabled Patient with. Ranawat CS and Wessinger J ... 284
*Arthritis, Rheumatoid, Stiffness of the Proximal Interphalangeal Joints in. The Role of Flexor Tenosynovitis. Millis MB, Millender LH and Nalebuff EA 801
*Arthritis, Rheumatoid, with Unusual Myositis Resembling Muscular Dystrophy. Labbate VA and Ehrlich GE ... 571
*Arthritis, Septic, Caused by *Hemophilus influenzae*, Counter Immunoelectrophoresis in the Diagnosis of. Report of Two Cases. Merritt K, Boyle WE Jr., Dye SK and Porter RE ... 414
*Arthritis, Serratia. Report of Seven Cases. Donovan TL, Chapman MW, Harrington KD and Nagel DA ... 1009
Arthritis, Tuberculous, Following Intra-articular Steroids. Peterson CA ... 279
*Arthrodesis, A Clinical Study of the Batchelor Subtalar. Gross RH ... 343
Arthrodesis, Dowel-Type Subtalar, in Children. Diamond LS ... 725
Arthrodesis, Triple, in Children, A Long-Term Study of. Adelaar RS et al ... 724
*Arthroplasty, Complications of Total Hip-Replacement, in Patients with Rheumatoid Arthritis. Poss R, Ewald FC, Thomas WH and Sledge CB ... 1130
*Arthroplasty, Geometric Total Knee. A Two-Year Follow-up Study. Skolnick MD, Coventry MB and Ilstrup DM ... 749
*Arthroplasty, Modular Total Knee-Replacement. A Review of Eighty-nine Patients. Laskin RS ... 766
*Arthroplasty, Polycentric Total Knee. A Two-Year Follow-up Study. Skolnick MD, Bryan RS, Peterson LFA, Combs JJ Jr. and Ilstrup DM ... 743
*Aseptic Barriers in the Conventional Operating Room, Maintenance of. General Principles. Schonholtz GJ ... 439
*Aspiration of the Cervical Spine, Quadriparesis after Needle. Report of a Case. McLaughlin RE, Miller WR and Miller CW ... 1167
*Atlanto-Axial Dislocation with Spinal Cord Compression in a Mongoloid Child. A Case Report. Finerman GAM, Sakai D and Weingarten S ... 408
*Atlanto-Axial Instability, Spine Fusion for. Fielding JW, Hawkins RJ and Ratzan SA ... 400
*Atrophy, Cortical Bone, Secondary to Fixation with Plates with Large Differences in Bending Stiffness, A Comparison of. Woo SL-Y, Akeson WH, Coutts RD, Rutherford L, Doty D, Jemmott GF and Amiel D ... 190

B

*Back Injury, Low-, A Diagnostic and Prognostic Aid for. Tenderness at Motor Points. Gunn CC and Milbrandt WE ... 815
Back Pain, Low, Injection Techniques in the Treatment of: Results and Comparisons. Cole JF et al ... 279
Back Patient, The Multiply Operated Low: Failure of Initial Selectivity. Spengler DM et al ... 730
*Bacterial Viability, The Effect of Polymethylmethacrylate and Antibiotic Combinations on. An *In Vitro* and Preliminary *In Vivo* Study. Chapman MW and Hadley WK ... 76
*Bacteriological Evaluation of the Effectiveness of Antimicrobial Irrigating Solutions, *In Vitro*. Scherr DD and Dodd TA ... 119
*Bankart and Putti-Platt Procedures, Long-Term Follow-up of the. Recurrent Anterior Dislocation of the Shoulder. Morrey BF and Janes JM ... 252
*Batchelor Subtalar Arthrodesis, A Clinical Study of the. Gross RH ... 343
*Batchelor's Extra-Articular Subtalar Arthrodesis. A Report on Sixty-four Procedures in Patients with Poliomyelitic Deformities. Hsu LCS, O'Brien JP, Yau ACMC and Hodgson AR ... 243
*Blood Flow, The Measurement of Skin, in Peripheral Vascular Disease by Epicutaneous Application of Xenon^{133}. Kostuik JP, Wood D, Hornby R, Feingold S and Mathews V ... 833
*Bone, Angioglomoid Tumor of. A Case Report. Tang TT, Zuege RC, Babbitt DP, Blount WP and McCreadie SR ... 873
*Bone Atrophy Secondary to Fixation with Plates with Large Differences in Bending Stiffness, A Comparison of Cortical. Woo SL-Y, Akeson WH, Coutts RD, Rutherford L, Doty D, Jemmott GF and Amiel D ... 190
*Bone Cement, Antibiotic-Impregnated Acrylic. Marks KE, Nelson CL and Lautenschlager EP ... 358
Bone-Cement Interface, The Radiographic Lucent Line at the, Following Total Joint Replacement Procedures. Reckling FW et al ... 738
*Bone Cyst, Solitary Unicameral: Treatment with Freeze-Dried Crushed Cortical-Bone Allograft. A Review of One Hundred and Forty-four Cases. Spence KF Jr., Bright RW, Fitzgerald SP and Sell KW ... 636
Bone Cysts, Solitary Unicameral, Surgical Treatment of: A New Concept. McKay DW and Nason SS ... 734
*Bone Graft in a Child, Remodeling of a Metacarpal. Report of a Case followed for Fifty-two Years. Nathan PA and Fowler A ... 719
*Bone-Grafting, Posterior, for Infected Ununited Fracture of the Tibia. Freeland AE and Mutz SB ... 653
Bone Growth in Children with Brittle Bones, Clinical Experiences with the Use of an Intramedullary Device that Elongates with. Bailey RW et al ... 725
Bone Loss, The Management of Segmental, Associated with Forearm Fractures. Grace TG et al ... 283
*Bone Mineral Content Measurement by Photon Absorption in Senile Osteoporosis, Femoral Trabecular-Pattern Index and. Khairi MRA, Cronin JH, Robb JA, Smith DM, Yu PL and Johnston CC ... 221
*Bone Resorption, Extensive Localized, in the Femur following Total Hip Replacement. Harris WH, Schiller AL, Scholler J-M, Freiberg RA and Scott R ... 612
*Bone, Solitary Lymphangioma of. A Case Report. Bullough PG and Goodfellow JW ... 418
*Bone, Studies on the Antigenicity of. I. Freeze-Dried and Deep-Frozen Bone Allografts in Rabbits. Friedlaender GE, Strong DM and Sell KW ... 854
*Bone, Subchondral, The Resurfacing of Adult Rabbit Articular Cartilage by Multiple Perforations through the. Mitchell N and Shepard N ... 230
*Bone Tissue, Aging of: Mechanical Properties. Burstein AH, Reilly DT and Martens M ... 82
*Bone, Topical Hemostatic Agents to Reduce Bleeding from Cancellous. A

* Indicates full article.

PAGE

Comparison of Microcrystalline Collagen, Thrombin, and Thrombin-Soaked Gelatin Foam. Cobden RH, Thrasher EL and Harris WH ... 70
***Bones of the Forearm, Congenital Pseudarthrosis of Both. A Case Report.** Richin PR, Kranik A, Van Herpe L and Suffecool SL ... 1032
Book Reviews
The American Academy of Orthopaedic Surgeons. Atlas of Orthotics: Biomechanical Principles and Application ... 293
The American Academy of Orthopaedic Surgeons. Tendon Surgery in the Hand ... 294
Cruess RL and Mitchell NS. Surgical Management of Degenerative Arthritis of the Lower Limb ... 292
Dumbleton JH and Black J. An Introduction to Orthopaedic Materials ... 293
Ferguson, AB Jr. Orthopaedic Surgery in Infancy and Childhood. Ed. 4 ... 292
Keim H. The Adolescent Spine ... 1046
Landsmeer JMF. Atlas of Anatomy of the Hand ... 1182
Manjo G. The Healing Hand: Man and Wound in the Ancient World ... 582
Menaker L. Biologic Basis of Wound Healing ... 293
Pauwels F. Biomechanics of the Normal and Diseased Hip. Theoretical Foundation, Technique and Results of Treatment. An Atlas ... 1046
Proceedings of the Third Open Scientific Meeting of the Hip Society. The Hip ... 582
Robin GC. Scoliosis and Neurological Disease ... 292
Sokoloff L and Bland JH. The Musculoskeletal System. Structure and Function in Disease ... 582
Surgical Staff, The Hospital for Sick Children, Toronto. Care of the Injured Child ... 1182
Weber BG and Čech O. Pseudarthrosis: Pathophysiology, Biomechanics, Therapy, Results ... 1182
Wilson FC. The Musculoskeletal System ... 293
Boston Prefabricated Milwaukee Brace Pelvic Section, A Field Test of the — Preliminary Results, Committee on Orthopaedic Development of the Scoliosis Research Society. Winter RB et al ... 156
***Brachial Neuritis, Paralytic. A Case Report.** Bacevich BB ... 262
***Brief Notes**
A Simple Method of Obtaining Intraoperative Roentgenograms of the Hand. Carter PA ... 576
Using Methylmethacrylate to Make External Fixation Splints. Aron JD ... 151
***Bristow Procedure, The Modified, for Recurrent Dislocation of the Shoulder.** Lombardo SJ, Kerlan RK, Jobe FW, Carter VS, Blazina ME and Shields CL Jr. 256

C

***Callus Formation in Osteogenesis Imperfecta, Bilateral Hyperplastic. A Case Report.** Roberts JB ... 1164
***Candida Costochondral Osteomyelitis. Report of a Case and Review of the Literature.** Smilack JD and Gentry LO ... 888
***Candida Vertebral Osteomyelitis. Case Report and Review of the Literature.** Hirschmann JV and Everett ED ... 573
***Capsulodesis of the Metacarpophalangeal Joint of the Thumb in Children with Cerebral Palsy.** Filler BC, Stark HH and Boyes JH ... 667
***Carcinoma, Squamous-Cell, Complicating Chronic Osteomyelitis.** Fitzgerald RH Jr., Brewer NS and Dahlin DC ... 1146
***Carcinoma, Transitional-Cell, of the Urinary Bladder, Heterotopic-Bone Formation in Metastatic Tumor from. A Case Report.** Chinn D, Genant HK, Quivey JM and Carlsson A-M ... 881
Carpal Boss, A Complication of Surgery for. A Case Report. Gunther SF ... 285
***Cartilage, Changes in the Hexosamine Content and Swelling Ratio of Articular, as Functions of Depth from the Surface.** Lipshitz H, Etheredge R III and Glimcher MJ ... 1149
***Cartilage under Compressive Strain and at High Pressures, The Permeability of Articular.** Mansour JM and Mow VC ... 509
***Cartilage, Long-Term Effects of Chondrocyte Death on Rabbit Articular, *in Vivo*.** Simon WH, Richardson S, Herman W, Parsons JR and Lane J ... 517
***Cartilage, Metabolic Recovery of Articular, after Intra-Articular Injections of Glucocorticoid.** Behrens F, Shepard N and Mitchell N ... 1157
***Cartilage, The Resurfacing of Adult Rabbit Articular, by Multiple Perforations through the Subchondral Bone.** Mitchell N and Shepard N ... 230
Cast Bracing, Second Generation: A Preliminary Report. Lesin BE et al ... 282
***Cellular and Humoral Immune Response Analysis of Bone Allografted Rats.** Muscolo DL, Kawai S and Ray RD ... 826
Cerebral Palsy, Adductor Transfer for Spastic. Couch WH Jr. et al ... 736
***Cerebral Palsy, Capsulodesis of the Metacarpophalangeal Joint of the Thumb in Children with.** Filler BC, Stark HH and Boyes JH ... 667
***Cerebral Palsy, Electromyography before and after Surgery for Hip Deformity in Children with. A Comparison of Clinical and Electromyographic Findings.** Perry J, Hoffer MM, Antonelli D, Plut J, Lewis G and Greenberg R ... 201
Cerebral Palsy, Hamstring Procedures in: A. Sequelae after Long Follow-up. B. Recommendations for Current Practice. Bassett FH III et al ... 725
***Cerebral Palsy, Non-Traumatic Dislocation of the Radial Head in.** Pletcher DF-J, Hoffer MM and Koffman DM ... 104
***Cerebral Palsy, Thoracolumbar Scoliosis in. Results of Surgical Treatment.** Bonnett C, Brown JC and Grow T ... 328
***Cerebral Palsy, Transfer of Tibialis Posterior Tendon in.** Bisla RS, Louis HJ and Albano P ... 497
Cerebral Palsy, The Varus Foot in. Banks HH et al ... 729
Cervical Discectomy, Anterior, and Fusion with the Keystone Technique — A Long-Term Evaluation. Simmons EH and Bailey SI ... 729
Cervical Spine Following Halo-Pelvic Distraction, Apophyseal Joint Degeneration in the. Tredwell SJ and O'Brien JP ... 158
***Cervical Spine, Primary Osteogenic Sarcoma of the. A Case Report.** Fielding, JW, Fietti VG, Hughes JEO and Gabrielian J-CZ ... 892
***Cervical Spine, Quadriparesis after Needle Aspiration of the. Report of a Case.** McLaughlin RE, Miller WR and Miller CW ... 1167
***Charcot-Marie-Tooth Disease, Spinal Muscular Atrophy, Friedreich's Ataxia, and Familial Dysautonomia. Spinal Deformity Associated with Heritable Neurological Conditions.** Hensinger RN and MacEwen GD ... 13
***Charnley Anterior Approach to the Ankle, Ischemia Associated with. Report of Two Cases.** Cameron HU and Kostuik JP ... 1043

PAGE

Chemotherapy, High Dose Methotrexate, in Osteosarcoma in Children. Watts HG ... 734
***Chemotherapy, Multidrug, in Primary Treatment of Osteosarcoma.** Sutow WW, Gehan EA, Vietti TJ, Frias AE and Dyment PG ... 629
***Chemotherapy, Multidrug, in Primary Treatment of Osteosarcoma. An Editorial Commentary.** Jaffe N and Watts HG ... 634
Cholecystitis, Acute, Following Scoliosis Treatment. Bunch WH and Hannon KM ... 157
Chondroblastoma of Bone: Complications and Problems. Barnes SN et al ... 734
***Chondrocyte Death, Long-Term Effects of, on Rabbit Articular Cartilage *in Vivo*.** Simon WH, Richardson S, Herman W, Parsons JR and Lane J ... 517
***Chondrocytes of the Epiphyseal Plate, The Fate of Hypertrophic. An Electron Microscopic Study.** Hanaoka H ... 226
***Chondrolysis, Effects of: Lavage of Septic Joints in Rabbits.** Daniel D, Akeson A, Amiel D, Ryder M and Boyer J ... 393
***Chondrolysis and Slipped Capital Femoral Epiphysis, Biochemical Abnormalities in Patients with.** Eisenstein A and Rothschild S ... 459
***Chondromalacia Patellae. A Prospective Study.** Insall J, Falvo KA and Wise DW 1
***Chondromatosis, Primary Synovial, of the Ankle. A Case Report.** Holm CL ... 878
***Chondrosarcoma: Clear-Cell Variant. A Report of Sixteen Cases.** Unni KK, Dahlin DC, Beabout JW and Sim FH ... 676
***Chondrosarcoma, Irradiation-Induced. A Case Report.** Fitzwater JE, Cabaud HE and Farr GH ... 1037
***Chondrosarcoma of the Pelvis, Limb-Saving Radical Resection of. Case Report.** Erikson U and Hjelmstedt A ... 568
***Chondrosarcoma, Postradiation. A Case Report.** Peimer CA, Yuan HA and Sagerman RH ... 1033
***Claw Finger in Leprosy, Correction of Paralytic, by Capsulorrhaphy and Pulley Advancement.** Palande DD ... 59
Clubfoot, Evaluation of the Posterior Medial Release in the Resistant. Criswell A et al ... 282
***Coccygeal Agenesis, Lumbosacral. Autopsy Case Report.** Abraham E ... 1169
***Compartment Syndrome, Fasciotomy in the Treatment of the Acute.** Sheridan GW and Matsen FA III ... 112
***Congenital Anomaly of the Thumb: Absent Intrinsics and Flexor Pollicis Longus.** Strauch B and Spinner M ... 115
***Contractures of the Hand, Flexion, Associated with Ichthyosis Hystrix. Case Report.** Palmer AK and Louis DS ... 143
***Coracoid Process, Unusual Fracture of the. A Case Report and Review of the Literature.** Wolf AW, Shoji H and Chuinard RG ... 423
Cotrel Dynamic Spine Traction, The — An Ineffective Method for Preoperative Correction of Scoliosis. Nachemson A and Nordwall A ... 158
Cotrel Traction in Idiopathic Scoliosis, Mechanical Analysis of. Ramsey PL et al 157
***Cruciate Ligament Prosthesis: Strength, Creep, and Fatigue Properties.** Grood ES and Noyes FR ... 1083
***Cruciate Ligament, The Strength of the Anterior, in Humans and Rhesus Monkeys. Age-Related and Species-Related Changes.** Noyes FR and Grood ES ... 1074
Cruciate Replacement, Anterior, Results of Extra-Articular: Preliminary Report. Ellison AE et al ... 736
Cryosurgical Technique, Closed, Experience with. Hickey CH and Jacobs PA 735
***Cutis Arthroplasty of the Elbow Joint.** Froimson AI, Silva JE and Richey DG . 863
***Cytology Interpretation of Synovial Fluid in Joint Disease, Exfoliative.** Broderick PA, Corvese N, Pierik MG, Pike RF and Mariorenzi AL ... 396

D

***Dactylitis, Sickle-Cell.** Worral VT and Butera V ... 1161
Deltoid Contractures, Talwin Induced. Branick RL et al ... 279
Dens, The Management of Patients with Anomalies of the. Edmunds JO Jr. and Goldner JL ... 729
***Desmoplastic Fibroma. Case Report and Review of the Literature.** Sugiura I . 126
Disc, The Response of the Immature Intervertebral, to Abnormal Physical Forces — An Experimental Study. Taylor TKF et al ... 115
***Discs, Elastic Fibers in Human Intervertebral.** Buckwalter JA, Cooper RR and Maynard JA ... 73
***Dislocation of the Radial Head in Cerebral Palsy, Non-Traumatic.** Pletcher DF-J, Hoffer MM and Koffman DM ... 104
***Dislocation of the Sacro-Iliac Joint, Complete Anterior. A Case Report.** Lewis MM and Arnold WD ... 136
***Disodium Etidronate in the Prevention of Postoperative Recurrence of Heterotopic Ossification in Spinal-Cord Injury Patients.** Stover SL, Niemann KMW and Miller JM III ... 683
***Duchenne Muscular Dystrophy, The Patterns of Spinal Deformity in.** Wilkins KE and Gibson DA ... 24
***Dupuytren's Contracture, Treatment of. Long-Term Results after Fasciotomy and Fascial Excision.** Rodrigo JJ, Niebauer JJ, Brown RL and Doyle JR 380
Dwyer Anterior Spinal Instrumentation, The Management of Scoliosis with the. Dwyer AP et al ... 156
***Dysautonomia, Familial, Charcot-Marie-Tooth Disease, Spinal Muscular Atrophy, and Friedreich's Ataxia. Spinal Deformity Associated with Heritable Neurological Conditions.** Hensinger RN and MacEwen GD ... 13

E

***Editorial Commentary. Multidrug Chemotherapy in Primary Treatment of Osteosarcoma.** Jaffe N and Watts HG ... 634
***Ehlers-Danlos Syndrome, Brachial-Artery Rupture in: An Unusual Cause of High Median-Nerve Palsy. A Case Report.** Bowers WH, Spencer JB and McDevitt NB ... 1025
Elbow, Cutis Arthroplasty of the. Froimson AI et al ... 726
***Elbow Joint, Cutis Arthroplasty of the.** Froimson AI, Silva JE and Richey DG . 863
***Elbow Joint, Passive Motion of the. A Biomechanical Analysis.** Morrey BF and Chao EYS ... 501
Elbow, Surgery of the, in Rheumatoid Arthritis. Ferlic DC et al ... 726
***Elbow, Transcondylar Fracture-Dislocation of the. A Case Report.** Grantham SA and Tietjen R ... 1030
***Electromyography before and after Surgery for Hip Deformity in Children with**

PAGE

Cerebral Palsy. A Comparison of Clinical and Electromyographic Findings. Perry J, Hoffer MM, Antonelli D, Plut J, Lewis G and Greenberg R 201
Electro-Spinal Instrumentation. Bobechko WP et al 156
***Enchondromatosis of the Hand, Multiple. A Case Report.** Mosher JF 717
***Ender Method, Treatment of Intertrochanteric and Subtrochanteric Fractures of the Hip by the.** Kuderna H, Böhler N and Collon DJ 604
***Endosteal Hyperostosis.** Beals RK 1172
***Epiphyseal Dysplasia, Rapidly Progressive Scoliosis in Multiple. A Case Report.** Herring JA 703
***Epiphyseal Plate, The Fate of Hypertrophic Chondrocytes of the. An Electron Microscopic Study.** Hanaoka H 226
***Epiphyseal-Plate Growth in Various Constant Electrical Fields, *In Vitro*.** Brighton CT, Cronkey JE and Osterman AL 971
***Epiphyseal Plate, Shear Strength of the Human Femoral Capital.** Chung SMK, Batterman SC and Brighton CT 94
***Epiphysis, Slipped Capital Femoral, Acquired Hypothyroidism and. Report of Three Cases.** Moorefield WG, Urbaniak JR, Ogden WS and Frank JL 705
***Epiphysis, Slipped Capital Femoral, Compensating Osteotomy at the Base of the Femoral Neck for.** Kramer WG, Craig WA and Noel S 796
***Escherichia coli*, Emphysematous Septic Arthritis Due to.** Bliznak J and Ramsey J 138
External Fixation — Revisited. Kretzler HH Jr. and Scham SM 284

F

***Fasciitis, Parosteal (Nodular), of the Hand. A Case Report.** McCarthy EF, Ireland DCR, Sprague BL and Bonfiglio M 714
***Fasciotomy in the Treatment of the Acute Compartment Syndrome.** Sheridan GW and Matsen FA III 112
***Femoral Bifurcation, Ipsilateral, and Tibial Hemimelia. A Case Report.** Ogden JA 712
***Femoral Capital Epiphyseal Plate, Shear Strength of the Human.** Chung SMK, Batterman SC and Brighton CT 94
Femoral Condyle, Osteochondral Fractures of the Distal (Osteochondritis Dissecans): The Origins and Evolution of Loose Bodies in Human Joints. Milgram JW 737
***Femoral Epiphysis, Slipped Capital, and Chondrolysis, Biochemical Abnormalities in Patients with.** Eisenstein A and Rothschild S 459
***Femoral Epiphysis, Slipped Capital, Compensating Osteotomy at the Base of the Femoral Neck for.** Kramer WG, Craig WA and Noel S 796
Femoral Head, Fifteen Years' Experience with Nontraumatic Avascular Necrosis of the. Coulson DB et al 284
Femoral Head, Vascularity of the: ^{99m}Tc Scintigraphy Validated with Tetracycline Labeling. D'Ambrosia RD et al 281
Femoral Neck, Fractures of the, in Young Adults. Kuslich SD and Gustilo RB 724
***Femoral-Neck Fractures in Young Adults.** Protzman RR and Burkhalter WE 689
Femoral Neck, Remodeling of the, after *in Situ* Pinning of Slipped Capital Femoral Epiphysis. O'Brien ET and Fahey JJ 737
Femoral Osteotomy in Perthes Disease, A Controlled Study of the Indications and Results of. Lloyd-Roberts GC et al 724
Femoral Shaft Fractures in Children, A Fresh Ambulatory Approach to Treatment of — A Comparison with Traditional Conservative Methods. Mital MA and Cashman WF 285
Femoral-Shaft Fractures, Closed Intramedullary Nailing of: A Comparison of Two Techniques. Chapman MW and Blackman RC 732
Femoral-Shaft Fractures, Hinged Cylinder Cast Management of. Albertson CE et al 732
Femoral Shaft Fractures, Hinged Cylinder Cast Management of. Griffith TG et al 282
***Femoral-Shaft Fractures in Young Children, Long-Term Results in the Treatment of, by Immediate Spica Immobilization.** Irani RN, Nicholson JT and Chung SMK 945
Femoral Shaft, Treatment of Nonunion and Malunion of the. Plowman DL et al 281
***Femoral Stem in Total Hip Prostheses, A Stress Analysis of the.** Andriacchi TP, Galante JO, Belytschko TB and Hampton S 618
***Femoral Trabecular-Pattern Index and Bone Mineral Content Measurement by Photon Absorption in Senile Osteoporosis.** Khairi MRA, Cronin JH, Robb JA, Smith DM, Yu PL and Johnston CC 221
***Femur, The Arterial Supply of the Developing Proximal End of the Human.** Chung SMK 961
***Femur, Experimental Stabilization of Segmental Defects in the Human. A Torsional Study.** Mensch JS, Markolf KL, Roberts SB and Finerman GM 185
***Femur, Extensive Localized Bone Resorption in the, following Total Hip Replacement.** Harris WH, Schiller AL, Scholler J-M, Freiberg RA and Scott R 612
Femur, Intercondylar "T" Fracture of the Distal: A Simplified Method of Treatment. Zimmerman AJ and Laskin RS 285
***Femur, An Intramedullary Fixation Device for the Proximal Part of the. Nine Years' Experience.** Zickel RE 866
***Femur, Intramedullary Fixation of Pathological Fractures and Lesions of the Subtrochanteric Region of the.** Zickel RE and Mouradian WH 1061
Femur, The Intramedullary Fixation of Pathological Fractures and Lesions of the Subtrochanteric Region of the. Zickel RE and Mouradian WH 732
***Femur, Pathological Fractures in the Proximal Part of the, Treated by Zickel-Nail Fixation.** Mickelson MR and Bonfiglio M 1067
***Femur, Prophylactic Internal Fixation of the, for Neoplastic Lesions.** Ryan JR, Rowe DE and Salciccioli GG 1071
Femur, Rotation Osteotomies for Spastic Paralytic Rotation of the. Bost FW and Bleck EE 283
Femur, Segmental Fractures of the. Winquist RA and Hansen ST 283
Femur, Subtrochanteric Fractures of the. Teitge RA 282
Femurs, The Supine Approach to "Blind" Nailing of Fractured. Blackman RG et al 279
***Fibroma, Desmoplastic. Case Report and Review of the Literature.** Sugiura I 126
***Fibrosarcoma Arising from Chronic Osteomyelitis. Case Report and Review of the Literature.** Akbarnia BA, Wirth CR and Colman N 123
***Fibula, Congenital Longitudinal Deficiency of the. Follow-up of Treatment by Syme Amputation.** Westin GW, Sakai DN and Wood WL 492
***Fibula, Maisonneuve Fracture of the.** Pankovich AM 337
Fibular Hemimelia, Treatment of: Long-Term Follow-up with Syme's Amputation. Sakai DN 729
***Finger, Bilateral Symphalangism of the Index. A Case Report.** Dellon AL and Gaylor R 270
***Finger, Correction of Paralytic Claw, in Leprosy by Capsulorrhaphy and Pulley Advancement.** Palande DD 59
***Finger, Triggering of the, Caused by Flexor-Tendon Laceration. Report of Two Cases.** Janecki CJ Jr. 1174
***Fingers, Totally Intrinsic-Minus, Patterns of Movement of. Based on a Study of One Hundred and Forty-one Fingers.** Srinivasan H 777
***Flexor-Tendon Injury, Gliding Function following. A Biomechanical Study of Rat Tendon Function.** Lane JM, Black J and Bora FW Jr. 985
***Flexor-Tendon Laceration, Triggering of the Finger Caused by. Report of Two Cases.** Janecki CJ Jr. 1174
Foot, The Cavus: Surgical Correction. Hutchinson F III and Goldner JL 285
***Foot, the Plantar-Flexed Inverted, in Adult Hemiplegia, Operative Treatment of.** Tracy HW 1142
Fracture, Colles', Complications of. Cooney WP et al 733
***Fracture of the Coracoid Process, Unusual. A Case Report and Review of the Literature.** Wolf AW, Shoji H and Chuinard RG 423
***Fracture of the Fibula, Maisonneuve.** Pankovich AM 337
***Fracture Healing in the Presence of Chronic Hypoxia.** Heppenstall RB, Goodwin CW and Brighton CT 1153
Fractures, Forearm, in Children: Pitfalls and Complications. Green DP and Davis DR 282
Fractures, Forearm: Rigid Fixation with Early Motion. Grace TG and Eversmann WW Jr. 733
***Fractures of the Hip, Treatment of Intertrochanteric and Subtrochanteric, by the Ender Method.** Kuderna H, Böhler N and Collon DJ 604
***Fractures and Lesions of the Subtrochanteric Region of the Femur, Intramedullary Fixation of Pathological.** Zickel RE and Mouradian WH 1061
Fractures, Long Bone, in Children, Functional Casting and Bracing of. McCollough NC III and Vinsant J 734
***Fractures of Long Bones, Open, Prevention of Infection in the Treatment of One Thousand and Twenty-five. Retrospective and Prospective Analyses.** Gustilo RB and Anderson JT 453
***Fractures, Pathological, of Long Bones Excluding Those Due to Breast Cancer, Treatment of.** Douglass HO Jr., Shukla SK and Mindell E 1055
***Fractures, Pathological, Methylmethacrylate as an Adjunct in Internal Fixation of. Experience with Three Hundred and Seventy-five Cases.** Harrington KD, Sim FH, Enis JE, Johnston JO, Dick HM and Gristina AG 1047
***Fractures, Pathological, in the Proximal Part of the Femur Treated by Zickel-Nail Fixation.** Mickelson MR and Bonfiglio M 1067
***Fractures of the Phalanges and Metacarpals, Screw Fixation for Certain.** Crawford GP 487
***Fractures of the Shaft of the Tibia, Anterior Tibial-Compartment Syndrome Complicating.** Rorabeck CH and Macnab I 549
Fractures, Stress, and Their Precursors, Early Diagnosis of. Garrick JG et al 733
***Fractures in Thalassemia.** Dines DM, Canale VC and Arnold WD 662
***Fractures of the Tibial Plateau, The Use of Tomography in the Assessment of.** Elstrom J, Pankovich AM, Sassoon H and Rodriguez J 551
***Fractures, Ulnar, Treatment of, by Functional Bracing.** Sarmiento A, Kinman PB, Murphy RB and Phillips JG 1103
***Freeman-Sheldon ("Whistling Face") Syndrome.** Rinsky LA and Bleck EE 148
***Friedreich's Ataxia, Familiar Dysautonomia, Charcot-Marie-Tooth Disease, and Spinal Muscular Atrophy. Spinal Deformity Associated with Heritable Neurological Conditions.** Hensinger RN and MacEwen GD 13
***Fusarium Species Osteomyelitis. Case Report.** Bourguignon RL, Walsh AF, Flynn JC, Baro C and Spinos E 722

G

"Gamekeeper's Thumb" in Hockey Players, Treatment of. Rovere GD et al 285
***Ganglion, Acetabular Cyst with Communicating. A Case Report.** McBeath AA and Neidhart DA 267
Gangrene, Gas, Role of Hyperbaric Oxygenation in Treatment of: The USAF Experience. Couch EP 737
***Grafting of the Median, Ulnar, and Radial Nerves, Further Experience with Interfascicular.** Millesi H, Meissl G, and Berger A 209
***Groin Flap with Iliac-Bone Flap for Primary Thumb Reconstruction. Case Report.** Finseth F, May JW Jr. and Smith RJ 130

H

***Halo-Pelvic Distraction Apparatus. An Analysis of One Hundred and Fifty Consecutive Patients.** Kalamchi A, Yau ACMC, O'Brien JP and Hodgson AR 1119
Halo-Pelvic Traction, Accurate Electronic Measurement of the Forces Applied to the Spine During. Gardner ADH et al 157
Hand in Children, Pitfalls Encountered with Penetrating Lacerations of the. Blatt G 280
***Hand, Flexion Contractures of the, Associated with Ichthyosis Hystrix. Case Report.** Palmer AK and Louis DS 143
Hand, Fractures of the, in Children. Eversmann WW Jr. and Leonard MH 280
***Hand, Management of Painful Neuromas in the.** Herndon JH, Eaton RG and Littler JW 369
***Hand, Metastases of Carcinoma of the Larynx and Thyroid Gland to the Phalanges of the. Report of Two Cases.** Uriburu IJF, Morchio FJ and Marin JC 134
***Hand, Multiple Enchondromatosis of the. A Case Report.** Mosher JF 717
***Hand, *Mycobacterium kansasii* Infection in the Deep Structures of the. Report of Two Cases.** Gunther SF and Elliott RC 140
***Hand, Parosteal (Nodular) Fasciitis of the. A Case Report.** McCarthy EF, Ireland DCR, Sprague BL and Bonfiglio M 714
***Hand, A Simple Method of Obtaining Intraoperative Roentgenograms of the.**

* Indicates full article.

PAGE

Brief Note. Carter PR ... 576
Hand, The Treatment of Epiphyseal Fracture in the. Bora FW Jr. ... 286
***Harrington Instrumentation and Fusion, The Postoperative Management of Scoliosis Patients Treated with.** Erwin WD, Dickson JH and Harrington PR. 479
***Hemangiomas, Cavernous, Associated with Scoliosis and a Localized Consumptive Coagulopathy. A Case Report.** Lozman J and Holmblad J ... 1021
***Hemiplegia, Operative Treatment of the Plantar-Flexed Inverted Foot in Adult.** Tracy HW ... 1142
Hemivertebra Excision, Congenital Kyphoscoliosis with Paralysis Following. A Case Report. Winter RB ... 157
***Hemostatic Agents to Reduce Bleeding from Cancellous Bone, Topical. A Comparison of Microcrystalline Collagen, Thrombin, and Thrombin-Soaked Gelatin Foam.** Cobden RH, Thrasher EL and Harris WH ... 70
***Heroin Users, Serratia Osteomyelitis in. A Report of Two Cases.** Ashby ME .. 132
***Heterotopic-Bone Formation in Metastatic Tumor from Transitional-Cell Carcinoma of the Urinary Bladder. A Case Report.** Chinn D, Genant HK, Quivey JM and Carlsson A-M ... 881
***Hexosamine Content and Swelling Ratio of Articular Cartilage, Changes in the, as Functions of Depth from the Surface.** Lipshitz H, Etheredge R III and Glimcher MJ ... 1149
Hip, Arthrodesis of the — Long-Term Study. Carnesale PG ... 735
***Hip Arthroplasty, Total, A Clinical Evaluation of Aspirin Prophylaxis of Thromboembolic Disease after.** Jennings JJ, Harris WH, and Sarmiento A .. 926
Hip Arthroplasty, Total, Heterotopic Bone Formation after. Riegler HF and Harris CM ... 284
***Hip Arthroplasty, Total, in Paget's Disease of the Hip.** Stauffer RN and Sim FH ... 476
***Hip Arthroplasty, Total, Peripheral Neuropathies Associated with.** Weber ER, Daube JR and Coventry MB ... 66
***Hip Arthroplasty, Total, Urinary Infections in. Influences of Prophylactic Cephalosporins and Catheterization.** Donovan TL, Gordon RO and Nagel DA 1134
***Hip in Children, Suppurative Arthritis of the.** Morrey BF, Bianco AJ and Rhodes KH ... 388
Hip, Congenital Dislocation of the, Acetabular Development after Reduction in. Lindstrom JR et al ... 725
Hip, Congenital Dislocation of the, The Pavlik Sling in. Munger DH ... 736
Hip, Congenital Dislocation of the, Treated by the Pavlik Harness. Green WT Jr. ... 285
***Hip, Congenital Dislocation of the. Use of the Pavlik Harness in the Child during the First Six Months of Life.** Ramsey PL, Lasser S and MacEwen GD 1000
***Hip Deformity in Children with Cerebral Palsy, Electromyography before and after Surgery for. A Comparison of Clinical and Electromyographic Findings.** Perry J, Hoffer MM, Antonelli D, Plut J, Lewis G and Greenberg R ... 201
***Hip Disease, Bilateral, Fifty-five-Year Follow-up of a Patient with: Dysplasia of One Hip and Dislocation of the Other. A Case Report.** Reckling FW 897
Hip Fractures, The Incidence of Thromboembolic Complications in: Is Prophylaxis Warranted? Day LJ ... 737
***Hip Fractures, Intertrochanteric, A Biomechanical and Clinical Study of a Compression Screw and Nail Plate in the Treatment of.** Jacobs RR et al 732
***Hip Fractures, Prevention of Fatal Pulmonary Thromboembolism by Heparin Prophylaxis after Surgery for.** Sharnoff JG, Rosen RL, Sadler AH and Ibarra-Isunza GC ... 913
***Hip Fusion Utilizing the Cobra Head Plate.** Barmada R, Abraham E and Ray RD ... 541
Hip Joint, Osteochondral Defects of the. Akins CM and Shea WD ... 736
***Hip, Pelvis, or Thoracolumbar Spine, Hydroxychloroquine Sulphate in Prevention of Deep Venous Thrombosis following Fracture of the.** Hansen EH, Jessing P, Lindewald H, Østergaard P, Olesen T and Malver EI ... 1089
***Hip Prostheses, Total, A Stress Analysis of the Femoral Stem in.** Andriacchi TP, Galante JO, Belytschko TB and Hampton S ... 618
***Hip Reconstruction, Total, in Chronically Dislocated Hips.** Dunn HK and Hess WE ... 838
Hip Reconstruction, Total, in Old Completely Dislocated Hips. Dunn HK and Hess WE ... 731
***Hip, Recurrent Traumatic Dislocation of the. Report of a Case.** Heinzelmann PR and Nelson CL ... 895
***Hip-Replacement Arthroplasty, Total, Complications of in Patients with Rheumatoid Arthritis.** Poss R, Ewald FC, Thomas WH and Sledge CB 1130
***Hip-Replacement Arthroplasty, Total, Thromboembolism following. The Efficacy of Dextran-Aspirin and Dextran-Warfarin in Prophylaxis.** Salvati EA and Lachiewicz P ... 921
Hip Replacement, an Infected Total, The Natural History of the Patient with. Hunter G and Dandy D ... 731
Hip Replacement without Routine Drug Prophylaxis, Thromboembolic Complications in 300 Consecutive Patients Undergoing. Anderson DW et al 737
***Hip Replacement, Total, A Complication of. Polymethylmethacrylate in the Knee.** Hallel T, Salvati EA and Botero PM ... 556
***Hip Replacement, Total, without Deep Infection in a Standard Operating Room.** Collis DK and Steinhaus K ... 446
***Hip Replacement, Total, Extensive Localized Bone Resorption in the Femur following.** Harris WH, Schiller AL, Scholler J-M, Freiberg RA and Scott R .. 612
Hip Replacement, Total, by Low Friction Arthroplasty, Revision of. Eftekhar NS ... 284
Hip Replacement, Total, as a Method of Treatment in the Previously Arthrodesed Hip. Chandler HP et al ... 731
***Hip Replacement, Total, in Patients with Ankylosing Spondylitis with Involvement of the Hip.** Bisla RS, Ranawat CS and Inglis AE ... 233
Hip Replacement, Total, Peptococcus Infections in. Evanski PM et al 281
Hip Replacement, Total, Results of, in Patients with Rheumatoid Arthritis: The Experience of the Robert Breck Brigham Hospital, 1969-1974. Poss R et al ... 730
Hip Replacement, Total, as a Salvage in Traumatic Lesions about the Hip. Welch RB et al ... 281
***Hip Replacement, Total, Venous Thrombosis after. Combined Monitoring as a Guide for Prophylaxis and Treatment.** Hume M, Turner RH, Kuriakose TX and Surprenant J ... 933

PAGE

***Hip Surgery, Cuff-Impedance Phlebography and ^{125}I Fibrinogen Scanning versus Roentgenographic Phlebography for Diagnosis of Thrombophlebitis following. A Preliminary Study.** Harris WH, Athanasoulis C, Waltman AC and Salzman EW ... 939
***Hip, Treatment of Intertrochanteric and Subtrochanteric Fractures of the, by the Ender Method.** Kuderna H, Böhler N and Collon DJ ... 604
Hips with Low Grade Infection, Salvage Procedure for. Levy LJ and Sanders FW ... 281
HL-A (Transplantation) Antigens in Patients with Idiopathic Scoliosis. Bradford D et al ... 155
***Humerus, The Sub-Deltoid Approach to the Metaphyseal Region of the.** Martini M ... 377
***Humoral and Cellular Immune Response Analysis of Bone-Allografted Rats.** Muscolo DL, Kawai S and Ray RD ... 826
***Hydroxychloroquine, Prevention of Venous Thromboembolism by Administration of. A Preliminary Report.** Chrisman OD, Snook GA, Wilson TC and Short JY ... 918
***Hydroxychloroquine Sulphate in Prevention of Deep Venous Thrombosis following Fracture of the Hip, Pelvis, or Thoracolumbar Spine.** Hansen EH, Jessing P, Lindewald H, Østergaard P, Olesen T and Malver EI ... 1089
***Hyperostosis, Endosteal.** Beals RK ... 1172
Hyperthermia, Malignant — A Disease of Importance to Orthopaedics (Study of Dantrolene in Porcine Malignant Hyperthermia). Jardon OM et al 738
Hyperthermia, Malignant, and its Relationship to Scoliosis — A Case Report and Recommended Management. Haake PW et al ... 157
***Hypothroidism, Acquired, and Slipped Capital Femoral Epiphysis. Report of Three Cases.** Moorefield WG, Urbaniak JR, Ogden WS and Frank JL 705
***Hypoxia, Chronic, Fracture Healing in the Presence of.** Heppenstall RB, Goodwin CW and Brighton CT ... 1153

I

***Ichthyosis Hystrix, Flexion Contractures of the Hand Associated with. Case Report.** Palmer AK and Louis DS ... 143
***Iliac-Bone Flap for Primary Thumb Reconstruction, Composite Groin Flap with. Case Report.** Finseth F, May JW Jr. and Smith RJ ... 130
Iliac Crest Bone Graft Donor Sites, Evaluation of Microcrystalline Collagen Hemostat in Obtaining Hemostasis from. Asher MA and Craig CC 157
***Immunoelectrophoresis, Counter, in the Diagnosis of Septic Arthritis Caused by *Hemophilus influenzae*. Report of Two Cases.** Merritt K, Boyle WE Jr., Dye SK and Porter RE ... 414
***Immunogenicity of Virus-Induced Rat Osteosarcoma.** Urovitz EP, Czitrom AA, Langer F, Gross AE and Pritzker KPH ... 308
***Immunological Studies of Human Osteosarcoma, A Model for. A Virally Induced Osteosarcoma in Rats.** Friedlaender GE and Mitchell MS ... 295
***Immunological Studies in Murine Osteosarcoma. Immunogenicity, Growth Kinetics, and Immunotherapy.** Miller CW, DeBlasi RF and Fisher SJ 312
***Infected Total Joint Replacements by Hematogenous Spread, Secondarily.** D'Ambrosia RD, Shoji H and Heater R ... 450
Infection Following Dwyer's Anterior Spinal Instrumentation, Deep Para-Vertebral. Dwyer AP et al ... 156
***Infection, Prevention of, in the Treatment of One Thousand and Twenty-five Open Fractures of Long Bones. Retrospective and Prospective Analyses.** Gustilo RB and Anderson JT ... 453
***Infection, Total Hip Replacement without Deep, in a Standard Operating Room.** Collis DK and Steinhaus K ... 446
***Intervertebral Discs, Elastic Fibers in Human.** Buckwalter JA, Cooper RR and Maynard JA ... 73
***Intramuscular Pressure, The Wick Catheter Technique for Measurement of. A New Research and Clinical Tool.** Mubarak SJ, Hargens AR, Owen CA, Garetto LP and Akeson WH ... 1016
***Ischemia Associated with the Charnley Anterior Approach to the Ankle. Report of Two Cases.** Cameron HU and Kostuik JP ... 1043

J

Joint Replacement Surgery in Patients under Thirty. Bisla RS and Inglis AE . 730
***Joint Replacement Surgery in Patients under Thirty.** Bisla RS, Inglis AE and Ranawat CS ... 1098
***Joint Replacements, Secondarily Infected Total, by Hematogenous Spread.** D'Ambrosia RD, Shoji H and Heater R ... 450

K

***Kienböck's Disease Using a Silicone Rubber Implant, Treatment of.** Roca J, Beltran JE, Fairen MF and Alvarez A ... 373
***Klippel-Feil Syndrome: Early Roentgenographic Appearance and Progression of the Deformity. A Report of Two Cases.** Fietti VG and Fielding JW .. 891
***Knee Arthroplasty, Geometric Total. A Two-Year Follow-up Study.** Skolnick MD, Coventry MB and Ilstrup DM ... 749
Knee Arthroplasty, Geometric Total: A Two-Year Follow-up Study. Skolnick MD et al ... 731
Knee Arthroplasty, I.C.L.H. Total, in Severely Damaged Knees. Sculco TP et al 730
***Knee Arthroplasty, Polycentric Total. A Two-Year Follow-up Study.** Skolnick MD, Bryan RS, Peterson LFA, Combs JJ Jr. and Ilstrup DM ... 743
Knee Arthroplasty, Wear and Tissue Reaction in Failed. Bullough PG et al ... 285
Knee, Arthroscopy of the: A Review of 221 Consecutive Cases. McGinty JB and Freedman PA ... 736
***Knee, Collateral Ligament Laxity of the. Long-Term Comparison between Plateau Fractures and Normal.** Moore TM, Meyers MH and Harvey JP Jr. ... 594
Knee Dislocations, Post-Traumatic, A Follow-up of Thirty-three Patients with. Bloom MH et al ... 736
***Knee Function, The Effect of Patellectomy on.** Sutton FS, Thompson CH, Lipke J and Kettelkamp DB ... 537
***Knee Joint, Stabilizing Mechanisms of the Loaded and Unloaded.** Hsieh H-H and Walker PS ... 87
***Knee Ligament Instabilities, Classification of. Part I. The Medial Compartment and Cruciate Ligaments.** Hughston JC, Andrews JR, Cross MJ and Moschi A . 159
***Knee Ligament Instabilities, Classification of. Part II. The Lateral Compart-**

PAGE

ment. Hughston JC, Andrews JR, Cross MJ and Moschi A ... 173
*Knee Ligaments, Tension Studies of Human. Yield Point, Ultimate Failure, and Disruption of the Cruciate and Tibial Collateral Ligaments. Kennedy JC, Hawkins RJ, Willis RB and Danylchuk KD ... 350
*Knee after Meniscectomy, Mechanical Changes in the. Krause WR, Pope MH, Johnson RJ and Wilder DG ... 599
Knee, Osteonecrosis of the, Prior to Bone Collapse. Lotke PA et al ... 285
*Knee, Polymethylmethacrylate in the. A Complication of Total Hip Replacement. Hallel T, Salvati EA and Botero PM ... 556
*Knee Prostheses, Failed Polycentric Total. Shoji H, D'Ambrosia RD and Lipscomb PR ... 773
*Knee-Replacement Arthroplasty, Modular Total. A Review of Eighty-nine Patients. Laskin RS ... 766
*Knee Replacement Prostheses, Total, A Comparison of Four Models of. Insall JN, Ranawat CS, Aglietti P and Shine J ... 754
Knee Replacement, Total, in Rheumatoid Arthritis. Hungerford DS and Riley LH Jr. ... 731
*Knee Replacement, Total, Thromboembolic Disease in Patients Undergoing. McKenna R, Bachmann F, Kaushal SP and Galante JO ... 928
Knee Replacements, Comparative Clinical Analysis of Polycentric and Geometric Bicondylar. Cracchiolo A III et al ... 731
Knee, The Spherocentric. Matthews LS et al ... 730
Knee Stability, The Relationship of, to Knee Ligament Injuries. Kalenak A et al ... 285
*Knee, Stiffness and Laxity of the — The Contributions of the Supporting Structures. A Quantitative *in Vitro* Study. Markolf KL, Mensch JS and Amstutz HC ... 583
*Knee, Synovial Osteochondromatosis of the. Chondromatous Recurrence with Possible Chondrosarcomatous Degeneration. Milgram JW and Addison RG ... 264
*Knee, Triple Tenodesis of the. A Soft-Tissue Operation for the Correction of Paralytic Genu Recurvatum. Perry J, O'Brien JP and Hodgson AR ... 978
*Knees, Rabbit, Effect of Salicylate on the Surgical Inducement of Joint Degeneration in. Gold EW, Anderson LB, Miller CW and Schwartz ER ... 1012
Kyphosis in Meningomyelocele, Surgical Treatment of. Duncan JW et al ... 155
Kyphosis: A Review of Twenty Cases Employing Anterior Fibular Strut Grafting Technique. Streitz WL et al ... 283

L

Lamina-Facet Blocks and Lateral and Posterior Element Techniques, Effective Lumbosacral Fusions using. Turner RS ... 283
*Language, The Effect of Native, on Performance on the Orthopaedic In-Training Examination. Mankin HJ, Carter RM and Krawczyk M ... 425
*Larsen's Syndrome: A Heritable Disorder. Habermann ET, Sterling A and Dennis RI ... 558
*Larsen's Syndrome, Spinal Instability in. Report of Three Cases. Micheli LJ, Hall JE and Watts HG ... 562
*Larynx and Thyroid Gland to the Phalanges of the Hand, Metastases of Carcinoma of the. Report of Two Cases. Uriburu IJF, Morchio FJ and Marin JC ... 134
*Leg, Congenital Pseudarthrosis of the. Late Results. Andersen KS ... 657
*Legg-Calvé-Perthes Disease, Osteochondritis Dissecans following. Report of Three Cases. Hallel T and Salvati EA ... 708
Legg-Calvé-Perthes Disease, Treatment of, with an Ambulatory A-Frame Brace. Urquhart BA et al ... 282
Legg-Calvé-Perthes Syndrome in Children under Four Years of Age. Clarke TE et al ... 726
*Leprosy, Correction of Paralytic Claw Finger in, by Capsulorrhaphy and Pulley Advancement. Palande DD ... 59
Letters to the Editor ... 152, 286
*Ligament, The Anterior Cruciate. A Functional Analysis Based on Postmortem Studies. Furman W, Marshall JL and Girgis FG ... 179
*Ligament Instabilities, Classification of Knee. Part I. The Medial Compartment and Cruciate Ligaments. Hughston JC, Andrews JR, Cross MJ and Moschi A ... 159
*Ligament Instabilities, Classification of Knee. Part II. The Lateral Compartment. Hughston JC, Andrews JR, Cross MJ and Moschi A ... 173
*Ligament Laxity of the Knee, Collateral. Long-Term Comparison between Plateau Fractures and Normal. Moore TM, Meyers MH and Harvey JP Jr. ... 594
*Ligament Prosthesis, Cruciate: Strength, Creep, and Fatigue Properties. Grood ES and Noyes FR ... 1083
*Ligament, The Strength of the Anterior Cruciate, in Humans and Rhesus Monkeys. Age-Related and Species-Related Changes. Noyes FR and Grood ES 1074
*Ligaments, Late Reconstruction of the, following Acromioclavicular Separation. Zaricznyj B ... 792
*Lumbar-Disc Herniation, Selective Ascending Lumbosacral Venography in the Assessment of. An Anatomical Study and Clinical Experience. Macnab I, St. Louis EL, Grabias SL and Jacob R ... 1093
Lumbar Laminectomy, Spondylolisthesis after Extensive. White AH and Wiltse LL ... 727
Lumbar Radiculopathy due to Bony Encroachment. DeYoung R and Butler JE III ... 281
*Lumbar Spine, the Asymptomatic and Symptomatic, Comparative Roentgenographic Study of the. Torgerson WR and Dotter WE ... 850
*Lumbosacral Coccygeal Agenesis. Autopsy Case Report. Abraham E ... 1169
Lumbosacral Venography, Selective Ascending. Macnab I et al ... 730
*Lumbosacral Venography, Selective Ascending, in the Assessment of Lumbar-Disc Herniation. An Anatomical Study and Clinical Experience. Macnab I, St. Louis EL, Grabias SL and Jacob R ... 1093
Lymphangioma of Bone, Solitary. A Case Report. Bullough PG and Goodfellow JW ... 418

M

*Mechanical Properties of the Human Thoracic Spine. As Shown by Three-Dimensional Load-Displacement Curves. Panjabi MM, Brand RA Jr. and White AA III ... 642
*Meniscectomy, Mechanical Changes in the Knee after. Krause WR, Pope MH, Johnson RJ and Wilder DG ... 599

* Indicates full article.

PAGE

*Meniscus, Lateral, A Simplified Operative Approach for the. Brown CW et al 279
*Meniscus, Medial, Bucket-Handle Tear of the. A Case for Conservative Surgery. Cargill AO'R and Jackson JP ... 248
Meralgia Paresthetica — An Anatomical Interpretation. Edelson JG ... 284
*Metabolic Recovery of Articular Cartilage after Intra-Articular Injections of Glucocorticoid. Behrens F, Shepard N and Mitchell N ... 1157
*Metacarpophalangeal Implants, Silicone-Rubber, Review and Analysis of. Beckenbaugh RD, Dobyns JH, Linscheid RL and Bryan RS ... 483
*Metacarpophalangeal Joint of the Thumb, Instability of the. Reconstruction of the Collateral Ligaments Using the Extensor Pollicis Brevis Tendon. Sakellarides HT and DeWeese JW ... 106
*Metastases of Carcinoma of the Larynx and Thyroid Gland to the Phalanges of the Hand. Report of Two Cases. Uriburu IJF, Morchio FJ and Marin JC ... 134
*Methylmethacrylate as an Adjunct in Internal Fixation of Pathological Fractures. Experience with Three Hundred and Seventy-five Cases. Harrington KD, Sim FH, Enis JE, Johnston JO, Dick HM and Gristina AG ... 1047
Methylmethacrylate, Stabilization of the Spine Using. Keggi KJ et al ... 738
Methylmethacrylate, The Use of, as an Adjunct in the Internal Fixation of Malignant Neoplastic Fractures. Experience with 314 Patients. Harrington KD et al ... 281
Methylmethacrylate, The Use of, as an Adjunct in the Internal Fixation of Malignant Pathological Fractures — Experience with 314 Cases. Harrington KD et al ... 737
*Milwaukee Brace Correction of Idiopathic Scoliosis. A Biomechanical Analysis and a Retrospective Study. Andriacchi TP, Schultz AB, Belytschko TB and Dewald RL ... 806
*Mobility Aids for the Paraplegic Child. Letts RM, Fulford R and Hobson DA ... 38
*Motion of the Shoulder, Normal and Abnormal. Poppen NK and Walker PS ... 195
*Motor Points, Tenderness at. A Diagnostic and Prognostic Aid for Low-Back Injury. Gunn CC and Milbrandt WE ... 815
Muscle Stimulation and Rib Resection to Correct Scoliotic Curves, The Use of. Olsen GA et al ... 155
*Muscular Atrophy, The Orthopaedic Aspects of Spinal. Schwentker EP and Gibson DA ... 32
*Muscular Dystrophy, The Patterns of Spinal Deformity in Duchenne. Wilkins KE and Gibson DA ... 24
*Mycobacterium kansasii Infection in the Deep Structures of the Hand. Report of Two Cases. Gunther SF and Elliott RC ... 140
Myelodysplasia, Fifteen-Year Review of. Banta JV et al ... 726
Myelodysplasia, The Surgical Treatment of Spinal Deformity in. Linberg C et al ... 155
Myelomeningocele, Natural History of the Kyphotic Deformity in. Banta JV and Hamada JS ... 279
*Myelomeningocele Patient, Ambulation of the Braced. De Souza LJ and Carroll N ... 1112
*Myositis Ossificans Traumatica: A Complication of Tetanus. Report of a Case and Review of the Literature. Mitra M, Sen AK and Deb HK ... 885
*Myositis, Rheumatoid Arthritis with Unusual, Resembling Muscular Dystrophy. Labbate VA and Ehrlich GE ... 571
*Myxoma, Recurrent Intramuscular, Associated with Albright's Syndrome. Case Report and Review of the Literature. Logel RJ ... 565

N

*Neoplastic Lesions, Prophylactic Internal Fixation of the Femur for. Ryan JR, Rowe DE and Salciccioli GG ... 1071
*Nerves, Further Experience with Interfascicular Grafting of the Median, Ulnar, and Radial. Millesi H, Meissl G and Berger A ... 209
*Neuritis, Paralytic Brachial. Case Report. Bacevich BB ... 262
Neuroblastoma, Spinal Deformity Following Treatment of. Season EH et al ... 155
*Neurofibroma, Intradural, Simulating Lumbar-Disc Disease. Report of Six Cases. Wiesel SW, Ignatius P, Marvel JP Jr. and Rothman RH ... 1040
Neurofibromatosis Associated with Scoliosis. Simmons EH and Thomas AF ... 155
Neurofibromatosis in the Pediatric Patient. Crawford AH ... 725
*Neurofibromatous Scoliosis. Natural History and Results of Treatment in Thirty-seven Cases. Chaglassian JH, Riseborough EJ and Hall JE ... 695
*Neuromas in the Hand, Management of Painful. Herndon JH, Eaton RG and Littler JW ... 369
*Neuropathies Associated with Total Hip Arthroplasty, Peripheral. Weber ER, Daube JR and Coventry MB ... 66
News Notes ... 153, 289, 435, 579, 740, 901, 1044, 1180

O

Obituaries
Henry Baker Crawford ... 577
George Outhit Eaton ... 900
Charles Francis Gregory ... 739
Thomas Eugene Kilkenny ... 578
Earl Duwain McBride ... 287
Theodore Norley ... 288
John A. Reed ... 1179
*Olecranon Fractures, The Use of the Zuelzer Hook Plate in Fixation of. Weseley MS, Barenfeld PA and Eisenstein AL ... 859
*Operating Room, Maintenance of Aseptic Barriers in the Conventional. General Principles. Schonholtz GJ ... 439
Opponensplasty, Abductor Digiti Quinti. Singsen EG et al ... 727
*Orthopaedic In-Training Examination, The Effect of Native Language on Performance on the. Mankin HJ, Carter RM and Krawczyk M ... 425
Os Calcis, Fractures of the, Involving the Subastragalar Joint: Treatment by Open Reduction and Internal Fixation with Staples, Using a Medial Approach. McReynolds IS ... 733
*Os Odontoideum, Acquired, following Acute Ligament Injury. Report of a Case. Ricciardi JE, Kaufer H and Louis DS ... 410
*Os Odontoideum: Congenital or Acquired. A Case Report. Hawkins RJ, Fielding JW and Thompson WJ ... 413
*Osteoarthritis, Relation of Treatment to. Recurrent Dislocation of the Patella.

PAGE

Crosby EB and Insall J ... 9
*Osteochondritis Dissecans following Legg-Calvé-Perthes Disease. Report of Three Cases. Hallel T and Salvati EA ... 708
*Osteochondromatosis of the Knee, Synovial. Chondromatous Recurrence with Possible Chondrosarcomatous Degeneration. Milgram JW and Addison RG . 264
*Osteogenesis Imperfecta, Bilateral Hyperplastic Callus Formation in. A Case Report. Roberts JB ... 1164
*Osteolytic Form of Paget's Disease. Differential Diagnosis and Pathogenesis. Anderson JT and Dehner LP ... 994
*Osteomalacia, Tumor-Induced, and Rickets: A Surgically Curable Syndrome. Report of Two Cases. Linovitz RJ, Resnick D, Keissling P, Kondon JJ, Sehler B, Nejdl RJ, Rowe JH and Deftos LJ ... 419
*Osteomyelitis, Chronic, Fibrosarcoma Arising from. Case Report and Review of the Literature. Akbarnia BA, Wirth CR and Colman N ... 123
Osteomyelitis, Chronic, Malignancy Associated with. Brewer NS et al ... 734
*Osteomyelitis, Chronic, Squamous-Cell Carcinoma Complicating. Fitzgerald RH Jr., Brewer NS and Dahlin DC ... 1146
*Osteomyelitis, Fusarium Species. Case Report. Bourguignon RL, Walsh AF, Flynn JC, Baro C and Spinos E ... 722
*Osteomyelitis in Heroin Users, Serratia. A Report of Two Cases. Ashby ME .. 132
*Osteophytes, Superior Dislocation of the Patella Fixed by Interlocked. A Case Report and Review of the Literature. Bartlett DH, Gilula LA and Murphy WA 883
*Osteoporosis, Senile, Femoral Trabecular-Pattern Index and Bone Mineral Content Measurement by Photon Absorption in. Khairi MRA, Cronin JH, Robb JA, Smith DM, Yu PL and Johnston CC ... 221
*Osteosarcoma, Immunogenicity of Virus-Induced Rat. Urovitz EP, Czitrom AA, Langer F, Gross AE and Pritzker KPH ... 308
*Osteosarcoma, Immunological Studies in Murine. Immunogenicity, Growth Kinetics, and Immunotherapy. Miller CW, DeBlasi RF and Fisher SJ ... 312
*Osteosarcoma, Multidrug Chemotherapy in Primary Treatment of. Sutow WW, Gehan EA, Vietti TJ, Frias AE and Dyment PG ... 629
*Osteosarcoma, Multidrug Chemotherapy in Primary Treatment of. An Editorial Commentary. Jaffe N and Watts HG ... 634
*Osteosarcoma in Rats, A Virally Induced. A Model for Immunological Studies of Human Osteosarcoma. Friedlaender GE and Mitchell MS ... 295
*Osteosarcoma in Rats, Virus-Induced. Czitrom AA, Pritzker KPH, Langer F, Gross AE and Luk SC ... 303

P

*Paget's Disease of the Hip, Total Hip Arthroplasty in. Stauffer RN and Sim FH . 476
*Paget's Disease, Osteolytic Form of. Differential Diagnosis and Pathogenesis. Anderson JT and Dehner LP ... 994
*Paget's Disease in the Tibia, Progression of. A Case Report. Zadek RE and Milgram JW ... 876
Paralytic Scoliosis, Evaluation of the Large Sacral Alar Hook and Anterior Transverse Process Fusion in the Treatment of. Malerich M et al ... 157
*Paraplegic Child, Mobility Aids for the. Letts RM, Fulford R and Hobson DA 38
Paraplegic Scoliosis, Dwyer Instrumentation Plus Vertebral Body Resection in. Hall JE ... 156
*Patella, Recurrent Dislocation of the. Relation of Treatment to Osteoarthritis. Crosby EB and Insall J ... 9
*Patella, Superior Dislocation of the, Fixed by Interlocked Osteophytes. A Case Report and Review of the Literature. Bartlett DH, Gilula LA and Murphy WA ... 883
Patella, Treatment of Recurrent Dislocation and Subluxation of the. Dougherty J et al ... 285
*Patellae, Chondromalacia. A Prospective Study. Insall J, Falvo KA and Wise DW ... 1
Patellar Compression Syndrome, The. Surgical Treatment by Lateral Retinacular Release. Cabaud HE et al ... 280
Patellectomy: An Analysis of One Hundred Cases. Lewis MM et al ... 736
Patellectomy: A Clinical Study and Biomechanical Evaluation. Steurer PA Jr. et al ... 736
*Patellectomy on Knee Function, The Effect of. Sutton FS, Thompson CH, Lipke J and Kettelkamp DB ... 537
*Pathological Fractures and Lesions of the Subtrochanteric Region of the Femur, Intramedullary Fixation of. Zickel RE and Mouradian WH ... 1061
*Pathological Fractures of Long Bones Excluding Those Due to Breast Cancer, Treatment of. Douglass HO Jr., Shukla SK and Mindell E ... 1055
*Pathological Fractures, Methylmethacrylate as an Adjunct in Internal Fixation of. Experience with Three Hundred and Seventy-five Cases. Harrington KD, Sim FH, Enis JE, Johnston JO, Dick HM and Gristina AG ... 1047
*Pathological Fractures in the Proximal Part of the Femur Treated by Zickel-Nail Fixation. Mickelson MR and Bonfiglio M ... 1067
*Pavlik Harness, Use of the, in the Child during the First Six Months of Life. Congenital Dislocation of the Hip. Ramsey PL, Lasser S and MacEwen GD . 1000
*Pectus Excavatum and Pseudarthrosis, Familial Congenital Bowing of the Tibia with. Report of a Kindred. Beals RK and Fraser W ... 545
*Pelvis, Limb-Saving Radical Resection of Chondrosarcoma of the. A Case Report. Erikson U and Hjelmstedt A ... 568
*Peroneal Retinaculum, Acute Rupture of the. Eckert WR and Davis EA Jr. ... 670
Pes Anserine Transfer: An In Vivo Biomechanical Analysis. Distefano V et al 285
Phalanges, ASIF Screw Fixation for Diaphyseal and Intra-articular Fractures of the. Crawford GP ... 281
*Phalanges and Metacarpals, Screw Fixation for Certain Fractures of the. Crawford GP ... 487
*(Piso-Hamate Hiatus Syndrome) Compression Syndrome of the Deep Motor Branch of the Ulnar Nerve. Uriburu IJF, Morchio FJ and Marin JC ... 145
*Poland's Syndrome. A Review of Forty-three Cases. Ireland DCR, Takayama N and Flatt AE ... 52
*Poliomyelitic Deformities, A Report on Sixty-four Procedures in Patients with. Batchelor's Extra-Articular Subtalar Arthrodesis. Hsu LCS, O'Brien JP, Yau ACMC and Hodgson AR ... 243
*Polymethylmethacrylate and Antibiotic Combinations, The Effect of, on Bacterial Viability. An *In Vitro* and Preliminary *In Vivo* Study. Chapman MW and Hadley WK ... 76

PAGE

Proceedings
The American Academy of Orthopaedic Surgeons ... 724
Eastern Orthopaedic Association ... 284
Western Orthopedic Association ... 279
*Prostheses, Failed Polycentric Total Knee. Shoji H, D'Ambrosia RD and Lipscomb PR ... 773
*Prostheses, Total Knee-Replacement, A Comparison of Four Models of. Insall JN, Ranawat CS, Aglietti P and Shine J ... 754
*Prosthesis, Cruciate Ligament: Strength, Creep, and Fatigue Properties. Grood ES and Noyes FR ... 1083
Prosthesis, Limb, Feasibility of the Skeletal Attachment of a. Schwartz SA and Mooney V ... 280
*Pseudarthrosis, Congenital, of Both Bones of the Forearm. A Case Report. Richin PF, Kranik A, Van Herpe L and Suffecool SL ... 1032
*Pseudarthrosis, Congenital, of the Leg. Late Results. Andersen KS ... 657
*Pulmonary Resection for Metastatic Osteogenic Sarcoma. Spanos PK, Payne WS, Ivins JC and Pritchard DJ ... 624
*Pulmonary Thromboembolism, Prevention of Fatal, by Heparin Prophylaxis after Surgery in Hip Fractures. Sharnoff JG, Rosen RL, Sadler AH and Ibarra-Isunza GC ... 913
*Putti-Platt and Bankart Procedures, Long-Term Follow-up of the. Recurrent Anterior Dislocation of the Shoulder. Morrey BF and Janes JM ... 252

Q

*Quadriparesis after Needle Aspiration of the Cervical Spine. Report of a Case. McLaughlin RE, Miller WR and Miller CW ... 1167
Quadriplegia, The Use of the Halo-Brace and Anterior Body Resection in the Treatment of. Pierce DS and Barr JS Jr. ... 728

R

Rachitic Deformities in the Lower Extremities in Growing Children, Aggressive Treatment of. Smith CF and Borelli L ... 735
*Radial Head in Cerebral Palsy, Non-Traumatic Dislocation of the. Pletcher DF-J, Hoffer MM and Koffman DM ... 104
*Report on the Visit of the 1975 North American Exchange Fellows to Great Britain ... 272
*Rhabdomyosarcoma of Bone, Primary. A Case Report. Pasquel PM, Levet SN and de Leon B ... 1176
Rickets, Anticonvulsant. Sherk HH et al ... 737
*Rickets, Tumor-Induced Osteomalacia and: A Surgically Curable Syndrome. Report of Two Cases. Linovitz RJ, Resnick D, Keissling P, Kondon JJ, Sehler B, Nejdl RJ, Rowe JH and Deftos LJ ... 419
*Roentgenograms of the Hand, A Simple Method of Obtaining Intraoperative. Brief Note. Carter PR ... 576
*Roentgenographic Evaluation of Vertebral Rotation. Benson DR, Schultz AB and Dewald RL ... 1125
*Ruiz-Mora Procedure. Results of Phalangectomy of the Fifth Toe for Hammertoe. Janecki CJ and Wilde AH ... 1005

S

*Sacro-Iliac Joint, Complete Anterior Dislocation of the. A Case Report. Lewis MM and Arnold WD ... 136
*Sacro-Iliac Joint, Pyogenic Arthritis of the. Long-Term Follow-up. Coy JT III, Wolf CR, Brower TD and Winter WG Jr. ... 845
Sacrum, Use of the Dwyer Instrumentation to Fuse into the. Harrison CS 156
*Salicylate, Effect of, on the Surgical Inducement of Joint Degeneration in Rabbit Knees. Gold EW, Anderson LB, Miller CW and Schwartz ER ... 1012
Sarcoma, Ewing's: Treatment of the Primary Tumor. Lewis RJ et al ... 734
*Sarcoma, Primary Osteogenic, of the Cervical Spine. A Case Report. Fielding JW, Fietti VG, Hughes JEO and Gabrielian J-CZ ... 892
*Sarcomas, The Management of Soft-Tissue, of the Extremities. Simon MA and Enneking WF ... 317
*Scaphoid, Congenital Bipartite — Fact or Fiction? Louis DS, Calhoun TP, Garn SM, Carroll RE and Burdi AR ... 1108
Scheuermann's Kyphosis, Milwaukee Brace Treatment of. Fabry G et al ... 725
Scoliosis, Adolescent Idiopathic, A Study of Growth Hormone and Somatomedin (Sulphation Factor) in Girls with. Willner S et al ... 155
Scoliosis in the Adult, Progression of. Coonrad RW and Feierstein MS ... 738
Scoliosis in the Adult, Untreated. Drummond DS et al ... 156
*Scoliosis in Cerebral Palsy, Thoracolumbar. Results of Surgical Treatment. Bonnett C, Brown JC and Grow T ... 328
Scoliosis, A Comparative Review of Cylindrical Inlay Facet Fusions for. Nelson PW ... 156
*Scoliosis, Idiopathic, Milwaukee Brace Correction of. A Biomechanical Analysis and a Retrospective Study. Andriacchi TP, Schultz AB, Belytschko TB and Dewald RL ... 806
*Scoliosis and a Localized Consumptive Coagulopathy, Cavernous Hemangiomas Associated with. A Case Report. Lozman J and Holmblad J ... 1021
*Scoliosis in Multiple Epiphyseal Dysplasia, Rapidly Progressive. A Case Report. Herring JA ... 703
*Scoliosis, Neurofibromatous. Natural History and Results of Treatment in Thirty-seven Cases. Chaglassian JH, Riseborough EJ and Hall JE ... 695
Scoliosis, A New Approach to the Prevention of. Bonnett CA et al ... 155
Scoliosis, A New Approach to the Prevention of. Brown JC et al ... 280
Scoliosis Patients, Analysis of Fluid Balance in Post Operative. Watson JR and Nash CL Jr. ... 157
*Scoliosis Patients Treated with Harrington Instrumentation and Fusion, The Postoperative Management of. Erwin WD, Dickson JH and Harrington PR .. 479
Scoliosis, Radiographic and Surgical Evaluation of Pseudoarthrosis following Posterior Spinal Fusion for. Dorr JR and Jones DA ... 283
Scoliosis, Results of Early Ambulation in the Surgical Treatment for. Erwin WD et al ... 156
Scoliosis with Thoracolumbar and Lumbar Curve Patterns, Selection of the Fusion Area in Idiopathic. Chan DPK et al ... 157
Scoliosis, Use of the Orthoplast Jacket in the Non-Operative Treatment of. Bunnell WP and MacEwen GD ... 156

PAGE

*Screw-Plate, Disengagement of a Sliding. A Case Report. Dunn EJ and Skinner SR ... 1027
*Serratia Osteomyelitis in Heroin Users. A Report of Two Cases. Ashby ME ... 132
Shoulder, Experience with Modified Putti Procedure in 302 Consecutive Cases of Anterior Recurrent Dislocation of the. Truchly G and Thompson WAL ... 735
*Shoulder Fusion without External Fixation. A Preliminary Report. Riggins RS 1007
*Shoulder, The Modified Bristow Procedure for Recurrent Dislocation of the. Lombardo SJ, Kerlan RK, Jobe FW, Carter VS, Blazina ME and Shields CL Jr. 256
*Shoulder, Normal and Abnormal Motion of the. Poppen NK and Walker PS ... 195
Shoulder Prosthesis, Total. Fenlin JM Jr. ... 735
*Shoulder, Recurrent Anterior Dislocation of the. Long-Term Follow-up of the Putti-Platt and Bankart Procedures. Morrey BF and Janes JM ... 252
*Sickle-Cell Dactylitis. Worral VT and Butera V ... 1161
*Silicone-Rubber Metacarpophalangeal Implants, Review and Analysis of. Beckenbaugh RD, Dobyns JH, Linscheid RL and Bryan RS ... 483
*Skeletal Alterations following Irradiation for Wilms' Tumor. With Particular Reference to Scoliosis and Kyphosis. Riseborough EJ, Grabias SL, Burton RI and Jaffe N ... 526
Spina Bifida: Ambulatory Function and Related Hip Problems. Huff CW and Ramsey PL ... 735
*Spinal Cord Compression in a Mongoloid Child, Atlanto-Axial Dislocation with. A Case Report. Finerman GAM, Sakai D and Weingarten S ... 408
*Spinal-Cord Injury Patients, Disodium Etidronate in the Prevention of Post-operative Recurrence of Heterotopic Ossification in. Stover SL, Niemann KMW and Miller JM III ... 683
Spinal Cord Monitoring, The Use of the Spinal Electrogram in. Armstrong GWD et al ... 157
Spinal Deformity in Adults. Changing Concepts. Dickson RA and Leatherman KD ... 729
*Spinal Deformity Associated with Heritable Neurological Conditions: Spinal Muscular Atrophy, Friedreich's Ataxia, Familial Dysautonomia, and Charcot-Marie-Tooth Disease. Hensinger RN and MacEwen GD ... 13
*Spinal Deformity in Duchenne Muscular Dystrophy, The Patterns of. Wilkins KE and Gibson DA ... 24
*Spinal Instability in Larsen's Syndrome. Report of Three Cases. Micheli LJ, Hall JE and Watts HG ... 562
*Spinal Muscular Atrophy, Friedreich's Ataxia, Familial Dysautonomia, and Charcot-Marie-Tooth Disease. Spinal Deformity Associated with Heritable Neurological Conditions. Hensinger RN and MacEwen GD ... 13
*Spinal Muscular Atrophy, The Orthopaedic Aspects of. Schwentker EP and Gibson DA ... 32
Spine, Civilian Gunshot Wounds of the: Is Laminectomy Indicated? Stauffer ES et al ... 727
*Spine, Comparative Roentgenographic Study of the Asymptomatic and Symptomatic Lumbar. Torgerson WR and Dotter WE ... 850
Spine Deformity, Post-Laminectomy. Lonstein JE et al ... 727
Spine Fractures, Operative versus Non-Operative Treatment of Cervical-. Thompson RC Jr. et al ... 728
*Spine Fusion for Atlanto-Axial Instability. Fielding JW, Hawkins RJ and Ratzan SA ... 400
Spine, Late, Progressive Paralysis and Pain following Fractures of the Thoracolumbar. Bohlman HH ... 728
*Spine, Mechanical Properties of the Human Thoracic. As Shown by Three-Dimensional Load-Displacement Curves. Panjabi MM, Brand RA Jr. and White AA III ... 642
Spine Surgery, Spinal-Cord Monitoring of Patients Undergoing. Nash CL Jr. et al ... 730
Spine Trauma in Children and Adolescents. Babcock JL and Albright JE ... 728
*Splints, Using Methylmethacrylate to Make External Fixation. Aron JD ... 151
Sternal Dehiscence and Knodt Rods. Haake PW et al ... 156
*Syme Amputation, Follow-up of Treatment by. Congenital Longitudinal Deficiency of the Fibula. Westin GW, Sakai DN and Wood WL ... 492
*Symphalangism of the Index Finger, Bilateral. A Case Report. Dellon AL and Gaylor R ... 270
*Synovial Fluid in Joint Disease, Exfoliative Cytology Interpretation of. Broderick PA, Corvese N, Pierik MG, Pike RF and Mariorenzi AL ... 396

T

Talar Fractures, Major. Birt D and Townsend R ... 733
Talus, Persistent Fetal Medial Deviation of the Neck of the: A Common Cause of In-Toeing in Children. Bleck EE and Minaire P ... 724
Tarsal Tunnel Syndrome. Mann RA ... 283
*Tarsometatarsal Dislocation: A Mechanism Blocking Manipulative Reduction. A Case Report. Lowe J and Yosipovitch Z ... 1029
Tendo-Achillis, Ruptured, The Surgical Treatment of. Percy EC and Conochie LB ... 729
*Tendo Achillis, Ruptures of the. An Objective Assessment of Surgical and Non-Surgical Treatment. Inglis AE, Scott WN, Sculco TP and Patterson AH ... 990
*Tendon Function, Rat, A Biomechanical Study of. Gliding Function following Flexor-Tendon Injury. Lane JM, Black J and Bora FW Jr. ... 985
*Tendon Reconstruction in Severely Damaged Digits, Evaluation of the Two-Stage Flexor-. Weinstein SL, Sprague BL and Flatt AE ... 786
Tenodesing Effect of the Plantar Aponeurosis on Metatarsophalangeal Joints: A Clinical, Anatomic, and Roentgenographic Study. Scheck M ... 284
*Tenodesis of the Knee, Triple. A Soft-Tissue Operation for the Correction of Paralytic Genu Recurvatum. Perry J, O'Brien JP and Hodgson AR ... 978
*Tenosynovitis, The Role of Flexor. Stiffness of the Proximal Interphalangeal Joints in Rheumatoid Arthritis. Millis MB, Millender LH and Nalebuff EA ... 801
*Tension Studies of Human Knee Ligaments. Yield Point, Ultimate Failure, and Disruption of the Cruciate and Tibial Collateral Ligaments. Kennedy JC, Hawkins RJ, Willis RB and Danylchuk KD ... 350
*Tetanus, A Complication of: Myositis Ossificans Traumatica. Report of a Case and Review of the Literature. Mitra M, Sen AK and Deb HK ... 885
*Thalassemia, Fractures in. Dines DM, Canale VC and Arnold WD ... 662

PAGE

*Thoracolumbar Scoliosis in Cerebral Palsy. Results of Surgical Treatment. Bonnett C, Brown JC and Grow T ... 328
*Thromboembolic Disease in Patients Undergoing Total Knee Replacement. McKenna R, Bachmann F, Kaushal SP and Galante JO ... 928
*Thromboembolic Disease after Total Hip Arthroplasty, A Clinical Evaluation of Aspirin Prophylaxis of. Jennings JJ, Harris WH and Sarmiento A ... 926
*Thromboembolism, Prevention of Fatal Pulmonary, by Heparin Prophylaxis after Surgery in Hip Fractures. Sharnoff JG, Rosen RL, Sadler AH and Ibarra-Isunza GC ... 913
*Thromboembolism, Prevention of Venous, by Administration of Hydroxychloroquine. A Preliminary Report. Chrisman OD, Snook GA, Wilson TC and Short JY ... 918
*Thromboembolism, Prevention of Venous, in Orthopaedic Patients. Salzman EW and Harris WH ... 903
*Thromboembolism following Total Hip-Replacement Arthroplasty. The Efficacy of Dextran-Aspirin and Dextran-Warfarin in Prophylaxis. Salvati EA and Lachiewicz P ... 921
*Thrombophlebitis following Hip Surgery, Cuff-Impedance Phlebography and ^{125}I Fibrinogen Scanning versus Roentgenographic Phlebography for Diagnosis of. A Preliminary Study. Harris WH, Athanasoulis C, Waltman AC and Salzman EW ... 939
*Thrombosis, Deep Venous, following Fracture of the Hip, Pelvis, or Thoracolumbar Spine, Hydroxychloroquine Sulphate in Prevention of. Hansen EH, Jessing P, Lindewald H, Østergaard P, Olesen T and Malver EI 1089
*Thrombosis, Venous, after Total Hip Replacement. Combined Monitoring as a Guide for Prophylaxis and Treatment. Hume M, Turner RH, Kuriakose TX and Surprenant J ... 933
*Thumb, Congenital Anomaly of the: Absent Intrinsics and Flexor Pollicis Longus. Strauch B and Spinner M ... 115
*Thumb, Instability of the Metacarpophalangeal Joint of the. Reconstruction of the Collateral Ligaments Using the Extensor Pollicis Brevis Tendon. Sakellarides HT and DeWeese JW ... 106
*Thumb Reconstruction, Composite Groin Flap with Iliac-Bone Flap for Primary. Case Report. Finseth F, May JW Jr. and Smith RJ ... 130
*Thyroid Gland, Metastases of Carcinoma of the Larynx and, to the Phalanges of the Hand. Report of Two Cases. Uriburu IJF, Morchio FJ and Marin JC ... 134
*Tibia, Familial Congenital Bowing of the, with Pseudarthrosis and Pectus Excavatum. Report of a Kindred. Beals RK and Fraser W ... 545
*Tibia, Posterior Bone-Grafting for Infected Ununited Fracture of the. Freeland AE and Mutz SB ... 653
*Tibia, Progression of Paget's Disease in the. A Case Report. Zadek RE and Milgram JW ... 876
*Tibia, Spontaneous Pneumothorax Heralding Metastasis of Adamantinoma of the. Report of Two Cases. Winter WG Jr. ... 416
*Tibial Compartment Syndrome, Anterior, Complicating Fractures of the Shaft of the Tibia. Rorabeck CH and Macnab I ... 549
Tibial Condylar Fractures, Ligament Injuries in. Hohl M and Hopp E Jr. ... 279
Tibial Epiphysis, Fractures of the Distal. Hamada JS ... 282
Tibial Fractures, Non-Union in Open: Analysis of Failure of Treatment with Early Weight-Bearing. Rosenthal RE et al ... 732
*Tibial Hemimelia and Ipsilateral Femoral Bifurcation. A Case Report. Ogden JA ... 712
Tibial Lengthening Procedure, Anderson's. Stephenson WK et al ... 279
*Tibial Lengthening Using a New Extension Device. Report of Thirty-two Cases. Rezaian SM ... 239
Tibial Non-Union, Salvage of the Infected. Gaines JH and Reid RL ... 732
*Tibial Osteotomy, Results of Proximal. The Effects of Tibiofemoral Angle, Stance-Phase Flexion-Extension, and Medial-Plateau Force. Kettelkamp DB, Wenger DR, Chao EYS and Thompson C ... 952
*Tibial Plateau, Fractures of the, The Use of Tomography in the Assessment of. Elstrom J, Pankovich AM, Sassoon H and Rodriguez J ... 551
*Tibialis Posterior Tendon in Cerebral Palsy, Transfer of. Bisla RS, Louis HJ and Albano P ... 497
Tibiofibular Cross-Peg Grafting for Complicated Tibial Non-Union. McMaster PE and Hohl M ... 281
*Tibiofibular Joint, Congenital Diastasis of the Inferior. Report of a Case. Bose K ... 886
*Tibiotalar Area of Contact, Changes in, Caused by Lateral Talar Shift. Ramsey PL and Hamilton W ... 356
*Toe, Results of Phalangectomy of the Fifth, for Hammertoe. The Ruiz-Mora Procedure. Janecki CJ and Wilde AH ... 1005
Toe Walkers, Idiopathic: A True Clinical Entity. Egloff AC ... 726
*Torsional Study, A. Experimental Stabilization of Segmental Defects in the Human Femur. Mensch JS, Markolf KL, Roberts SB and Finerman GM ... 185
*Triggering of the Finger Caused by Flexor-Tendon Laceration. Report of Two Cases. Janecki CJ Jr. ... 1174
Tubing Injuries. Odom JA Jr. et al ... 280, 733
*Tumor within the Suprapatellar Pouch, Torsion of a. Report of a Case. Cameron HU, Gillespie R and Mancer K ... 266

U

*Ulnar Dysmelia. Ogden JA, Watson HK and Bohne W ... 467
*Ulnar Fractures, Treatment of, by Functional Bracing. Sarmiento A, Kinman PB, Murphy RB and Phillips JG ... 1103
*Ulnar Nerve, Compression Syndrome of the Deep Motor Branch of the (Piso-Hamate Hiatus Syndrome). Uriburu IJF, Morchio FJ and Marin JC ... 145
*Upper-Extremity Amputee, The. Early and Immediate Post-Surgical Prosthetic Fitting. Burkhalter WE, Mayfield G and Carmona LS ... 46
*Urinary Infections in Total Hip Arthroplasty. Influences of Prophylactic Cephalosporins and Catheterization. Donovan TL, Gordon RO and Nagel DA 1134

V

*Vascular Disease, The Below-the-Knee Amputation for. Mooney V, Wagner FW Jr., Waddell J and Ackerson T ... 365
*Vascular Disease, The Measurement of Skin Blood Flow by Epicutaneous Application of Xenon ^{133} in Peripheral. Kostuik JP, Wood D, Hornby R, Feingold S and Mathews V ... 833

* Indicates full article.

PAGE

*Venography, Selective Ascending Lumbosacral, in the Assessment of Lumbar-Disc Herniation. An Anatomical Study and Clinical Experience. Macnab I, St. Louis EL, Grabias SL and Jacob R 1093
Venography, Transfemoral Epidural. Lowe TG and Kistler M 283
*Venous Thromboembolism, Prevention of, by Administration of Hydroxychloroquine. A Preliminary Report. Chrisman OD, Snook GA, Wilson TC and Short JY 918
*Venous Thromboembolism, Prevention of, in Orthopaedic Patients. Salzman EW and Harris WH 903
*Vertebral Osteomyelitis, Candida. Case Report and Review of the Literature. Hirschmann JV and Everett ED 573
*Vertebral Rotation, Roentgenographic Evaluation of. Benson DR, Schultz AB and Dewald RL 1125
*Vice-Presidential Address, The American Academy of Orthopaedic Surgeons. Henderson ED 432

W

PAGE

*Wick Catheter Technique for Measurement of Intramuscular Pressure. A New Research and Clinical Tool. Mubarak SJ, Hargens AR, Owen CA, Garetto LP and Akeson WH 1016
Wilm's Tumor, Alterations Occurring in the Axial Skeleton Following Irradiation for. Riseborough EJ et al 155
*Wilms' Tumor, Skeletal Alterations following Irradiation for. With Particular Reference to Scoliosis and Kyphosis. Riseborough EJ, Grabias SL, Burton RI and Jaffe N 526
Wrist Arthroplasty, Total — Preliminary Report. Beckenbaugh RD and Linscheid RL 727
Wrist Joint, a Total, The Development and Clinical Implementation of. Volz RG 727
Wrist, Reconstructive Surgery of the, in Rheumatoid Arthritis. Brumfield RH et al 726